
From: Workman, Wayne (TREASURY)
Sent: Thursday, September 11, 2014 11:59 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc: Wisniewski, Wendy (GOV)
Subject: FW: Flint water issue

FYI, looks like it is fixed

From: Byrne, Randall (Treasury)
Sent: Thursday, September 11, 2014 11:12 AM
To: Workman, Wayne (TREASURY); Koryzno, Edward (Treasury)
Subject: Flint water issue

Wayne and Ed:

I spoke to Darnell this morning about the water issue. He indicated that they found a broken valve which was the cause of the problem.

Thanks,
Randy,



Randall D. Byrne, Manager, Office of Fiscal Responsibility
State of Michigan 430 W. Allegan St. , Lansing, MI 48922
ByrneR1@michigan.gov (517) 335-2521



Think Green! Don't print this e-mail unless you need to.

CONFIDENTIALITY NOTICE: This e-mail, and any attachments, is for the sole use of the intended recipient(s) and may contain information that is confidential and protected from disclosure under the law. Any unauthorized review, use, disclosure, or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail, and delete/destroy all copies of the original message and attachments. Thank you.

From: Baird, Richard (GOV)
Sent: Thursday, October 01, 2015 2:32 PM
To: Wisniewski, Wendy (GOV)
Subject: Fwd: City of Flint - correspondence regarding reconnection to Water Supply System
Attachments: City of Flint - September 2015 Letter - Reconnection to DWSD.pdf; ATT00001.htm

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Date: Oct 1, 2015 2:26 PM
Subject: Fwd: City of Flint - correspondence regarding reconnection to Water Supply System
To: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, wisnewski@michigan.gov
Cc:

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Daddow, Robert J" <daddowr@oakgov.com>
Date: Sep 30, 2015 6:19 PM
Subject: Fwd: City of Flint - correspondence regarding reconnection to Water Supply System
To: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Cc:

FYI. Received after we talked this pm.

Sent from my iPad

Begin forwarded message:

From: William Wolfson <wolfson@dwsd.org>
Date: September 30, 2015 at 6:05:24 PM EDT
To: "McKinnon, Ike" <mckinnonI@detroitmi.gov>, "Brown, Gary" <BrownGary@detroitmi.gov>, "Nardone, Joseph" <Joseph.nardone@wcaa.us>, "Hood, Ed" <edwhood.wc@gmail.com>, "baker, brian" <bbaker@sterling-heights.net>, "Daddow, Robert" <daddowr@oakgov.com>
Cc: Sue McCormick <mccormick@dwsd.org>
Subject: City of Flint - correspondence regarding reconnection to Water Supply System

Attached is a letter that was sent to the City of Flint today regarding possible reconnection to the Water Supply System in response to an initial inquiry by Ms. Henderson, Flint's City Administrator and Ms. McCormick. As you may imagine the dialog that has begun is at a very preliminary stage, available information may be limited and outdated to some degree, and Ms. Henderson has asked that we not make a public release at this time. With that request in mind, we have asked the communications team to refer all press call to either Ms. McCormick or me. We will keep you updated as this issue develops.

This email and any files transmitted with it are confidential, may be subject to the attorney-client, attorney-work product or other privilege and are intended solely for the use of the addressee(s). If you are not the named addressee, printing, disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited; immediately notify the sender, by email reply, if you received this message by mistake, delete the message from your system and destroy any copies.

William M. Wolfson

Chief Administrative and Compliance Officer/

General Counsel

Detroit Water and Sewerage Department

735 Randolph, Room 701

Detroit, MI 48226

Phone: (313) 224-4707

Fax: (313) 842-6510

Michael E. Duggan, Mayor



CITY OF DETROIT
WATER AND SEWERAGE DEPARTMENT
OFFICE OF THE DIRECTOR

735 RANDOLPH STREET
DETROIT, MICHIGAN 48226-2830
WWW.DETROITMI.GOV

September 30, 2015

*Via email: nhenderson@cityofflint.com
and U.S. Mail*

Ms. Natasha L. Henderson, City Administrator
City of Flint
1101 S. Saginaw St.
Flint, Michigan 48502

Dear Ms. Henderson:

Thank you for your inquiry regarding the possibility of reconnecting the City of Flint to the Detroit Water and Sewerage Department's (DWSD) Water Supply system. Director McCormick has asked me to respond to you and provide a brief outline of the basis for that reconnection. However, I want to again emphasize what Ms. McCormick has previously stated to your City Council on this issue: DWSD is willing to sit down and talk with the City of Flint without pre-condition, if that is mutually desirable.

I would be remiss if I did not point out that on June 12, 2015, the City of Detroit and the Great Lakes Water Authority (GLWA) executed a Lease Agreement that provides for the GLWA's operation of the Regional Water Supply System. At present, we are transitioning management of the system from DWSD to the GLWA while certain Conditions Precedent of the Lease Agreement are satisfied. We have made substantial progress towards satisfying these Conditions Precedent with a goal of having GLWA commence full system operations on or before January 1, 2016. I can assure you that, like DWSD, the GLWA is concerned with the challenges Flint's residents have faced in recent months, and will be willing to discuss service to your City.

That said, here is a likely list of issues that would need to be addressed:

1) Rates: In Sue McCormick's January 12, 2015 letter to Flint, she indicated that the rates Flint would pay for the remainder of the then current 2014-2015 Fiscal Year (FY) would be "the same rates Flint was paying as a terminated customer when it left the system but modified to include the 4% increase experienced by all other DWSD wholesale customers in 2014." As we are now in the 2015-16 FY, that offer must be modified to include an additional adjustment similar to that which was received by other customers. In this regard we propose that the rates be adjusted as follows:

- a) Starting with the 2013-2014 FY terminated rate; and
- b) Adding a 4% adjustment to that rate to account for the 2014-2015 FY increases; and
- c) Adding an adjustment equal to the average Suburban Wholesale Charge Adjustment for the current 2015-2016 FY. This rate would remain in place until June 30, 2016, the end of the current 2015-2016 FY.



d) Based upon the above considerations, the resulting rate structure is a fixed monthly rate of \$662,100 and a commodity rate of \$8.93/Mcf for the current 2015-2016 FY. Please note that this rate structure is designed to be applicable to incremental water sales over and above water sales to the Genesee County Drain Commission. Depending on how water is provided to the combined GCDC/Flint customer, alternative rate structures may be appropriate.

e) Additionally, DWSD recently changed its wholesale customer billing methodology as follows: Flint's calculated share of the FY 2016 Budget is allocated 60% to the Fixed Monthly Charge and 40% to the Commodity Charge, which is consistent with the adopted FY 2015-2016 water wholesale rates

f) In extending this proposal, our assumption is that the service provided is to Flint only and computations are based on data from our previous customer relationship.

g) It is anticipated that under the management of the GLWA, the rates for the 2016-2017 FY will be computed using the same methodology as applied to all other Water Supply System customers.

The proposed rate methodology is intended to ensure that Flint is treated fairly by using the average wholesale customer adjustment in the current Fiscal Year, and the same methodology as all other customers.

2) Term: DWSD understands that Flint's current long-term desire is to receive water service from the KWA. Under these circumstances, Flint would be expected to remain a DWSD customer from the time of reconnection until the time it begins to receive service from KWA. If Flint wishes to consider a longer term relationship with DWSD or GLWA, we would welcome that discussion.

3) Reconnection: As previously indicated by Ms. McCormick in her January 12, 2015, letter, DWSD will not charge an additional fee for Flint to reconnect to the DWSD Water System, and is prepared to immediately take those steps necessary on its end to facilitate a reconnection. Any expenses incurred would be billed at actual cost. Because DWSD lacks sufficient information on the status of the disconnection, we are unable to provide an estimate of those costs at this time. Nonetheless, we will work with you in good faith to develop an expedited plan for reconnection, and to develop a mutually agreed good faith estimate of the costs associated with that plan.

Thank you for raising this issue with us. We hope that this letter addresses the concerns you raised during your recent conversation with Ms. McCormick, and we sincerely appreciate your interest and the opportunity to serve Flint.



Ms. Natasha L. Henderson, City Administrator
City of Flint
September 30, 2015
Page 3

Finally, we look forward to the opportunity to meet with you at your earliest convenience to discuss this letter, and how we may best assist Flint in serving its residents' needs. Please contact Ms. McCormick's office at (313) 224-4701 to arrange this meeting.

Best Regards,

William M. Wolfson

Chief Administrative and Compliance Officer/General Counsel, DWSD
Interim General Counsel, GLWA

From: Workman, Wayne (TREASURY)
Sent: Tuesday, March 03, 2015 2:15 PM
To: Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Walsh, John (GOV); Baird, Richard (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Wurfel, Brad (DEQ)
Cc: Saxton, Thomas (Treasury); Muchmore, Dennis (GOV)
Subject: Fwd: Electronic Communication
Attachments: Workman Communication.PDF; ATT00001.htm; Utility Wide Water.PDF; ATT00002.htm; Water Fund Expenses.PDF; ATT00003.htm

Latest info from Flint on water system. Received today.

Sent from my iPhone

Begin forwarded message:

From: "Maxine Murray" <mmurray@cityofflint.com>
To: "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>
Cc: "Jerry Ambrose" <gambrose@cityofflint.com>
Subject: **Electronic Communication**

Good morning,

Please find attached an electronic communication with attachments from Emergency Manager Ambrose.

Thank you.

--

Maxine Murray
Executive Assistant to
Mayor Dayne Walling
Gerald Ambrose, Emergency Manager
Natasha Henderson, City Administrator
1101 S. Saginaw Street
Flint, MI 48502
810.237.2035 Telephone
810.766.7218 Fax



CITY OF FLINT
OFFICE OF THE EMERGENCY MANAGER



Gerald Ambrose
Emergency Manager

TO: Wayne Workman, Deputy Treasurer
Treasury Department
State of Michigan

FROM: Jerry Ambrose, Emergency Manager
City of Flint

DATE: March 3, 2015

As the Emergency Manager for the City of Flint, I am charged with restoring the City government to financial solvency, and working to assure that the City moves forward on a financially sustainable basis. The steps taken over the past three years have been difficult. Taxes and fees have been raised, services and workforce reduced, and ongoing costs, including legacy costs, have been constrained.

The current controversy surrounding the provision of water, and the path for resolution, has a potentially significant impact on the progress that is being made. I am satisfied that the water provided to Flint users today is within all MDEQ and EPA guidelines, as evidenced by the most recent water quality results conducted for MDEQ. We have a continuing commitment to maintain water safety and to improve water quality, and have dedicated resources to assure this commitment will be made.

The oft-repeated suggestion that the City should return to DWSD, even for a short period of time, would, in my judgment, have extremely negative financial consequences to the water system, and consequently to the rate payers. By the most conservative estimates, such a move would increase costs by at least \$12 million annually, with that amount achieved only by eliminating virtually all budgeted improvements in the system. For a system with Unrestricted Assets of only \$740,745, according to the June 30, 2014 audited financial statements, the only recourse within the City's control would be to increase revenues significantly. And in my judgment, that would come from raising rates for water by 30% or more. Further, changing the *source* of the city's water would not necessarily change any of the *aesthetics* of the water, including odor and discoloration, since those appear to be directly related to the aging pipes and other infrastructure that carry water from the treatment facility to our customers.

This direction of discussion also deviates from what, in my judgment, should be the focus: How can we not only operate and maintain a system to assure the delivery of safe and quality water dependably, but significantly reduce the cost of water and sewer to the users? At an average of \$149 per month for water and sewer service for a residential user, the cost is extremely high in comparison to surrounding areas, as well as most areas across the state, and creates a significant financial burden for many users. In my judgment, we should all be concentrating on how to reduce rates by 50% or more. Unfortunately, there are no easy or evident answers, and continuation of the status will be an impediment to the sustainable recovery of the City of Flint. It is a conversation that I expect we will have with the recently created Water Quality Advisory Committee.

My reasoning for this conclusion is as follows:

One of the decisions made in the context of beginning to eliminate deficits and to restore financial stability to the City of Flint was to increase water and sewer rates significantly – the only choice available to financially stabilize a system that as of June 30, 2012, had a deficit of \$8,758,091. Another was to leave DWDS for the KWA because it offered the opportunity to lower future rate increases. A third decision was to utilize the Flint River on an interim basis when DWSD unilaterally terminated the City's contract for water purchase. That decision was made because it also offered an immediate cost savings opportunity which translated into the ability to upgrade the Water Treatment Plant without having to seek financing. It was a reasonable decision because of our experience in using the river in a back-up capacity, including test runs on a quarterly basis for several decades.

Unfortunately, the switch to the river as a primary source was more challenging than anticipated, and the harsh winter of 2013-2014 resulted in much more damage to the aging water infrastructure than in previous years. The result was the issuance of required notices that water exceeded established guidelines for safety as it could affect certain vulnerable populations, and some users of the system experienced unpleasant odors and discoloration. Some users also appeared to have had some negative reactions to the new source of water. However, as soon as the test results were known, City staff took immediate actions to address the concerns. These actions are evidenced today by the fact that MDEQ has certified that our most recent testing shows water from all testing sites to be well within acceptable guidelines. Additionally, the City is continuing to taking the necessary actions to assure that the water supply remains safe and that water quality continues to improve.

As the City has moved to address the situation, the suggestion continues to be made that the City should re-engage with DWSD and purchase water at least until the KWA pipeline is supplying water. As evidenced by the most recent letter from DWSD, such a decision would immediately increase the City's cost by \$846,700 per month, or \$10,160,400 per year, just for the fixed cost portion of the price. The actual *purchase* of water would be an additional fee, and dependent upon

the quantity purchased. We estimate the actual water purchase cost to average more than \$1 million per month, for a grand total of approximately \$22 million per year. Finally, the DWSD offer is conditioned upon the City (or presumably the KWA) agreeing to negotiate a long term contract (30 years) for back-up.

The \$22 million annual estimate of increased costs to purchase water from DWSD would be minimally offset by an approximate \$3 million in reduced operating costs, and could be further offset by an additional \$9 million, but only if all funding for capital improvements to the system are eliminated. To eliminate all funding dedicated to repairing, stabilizing, and improving the system would be totally irresponsible and would have long term negative consequences to the City and to future rate payers.

As you are aware we have recently brought in outside expert assistance to evaluate the steps we have taken to assure that the water is safe and to continue to improve water quality. We are expecting specific recommendations within the next few weeks, and are committed to implementing those recommendations in a timely manner. Many steps have already been taken. I am confident that implementing their recommendations will assure a continuing supply of safe water as well as improved quality, and at far less cost than re-engaging DWSD.

We have also created a 40-member Water Advisory Committee and a 13-member Technical Advisory Committee to assure two-way communication with the public and users of the system. Those committees will begin to meet this week, and we look forward to answering their questions and receiving their input.

It is unfortunate that problems and concerns with quality have arisen, and we are working every day to address the issues that caused them. Maintaining safe water and improving quality is a top priority as we work to make the City of Flint an attractive place to live, work, study, and play.

02/09/2015

UTILITY WIDE WATER FUND PROFESSIONAL SERVICES
PERIOD ENDING 02/28/2015

ACCOUNT DESCRIPTION	2014-15 AMENDED BUDGET	ACTIVITY FOR MONTH 02/28/2015	YTD BALANCE 02/28/2015	ENCUMBERED YEAR-TO-DATE	UNENCUMBERED BALANCE	% BDGT USED
Dept 536.100-Utilities - Water Administration						
Fund 591 - Water Fund						
801.000 Professional Service	2,320,000.00	50,418.75	537,844.65	348,549.88	1,433,605.47	38.21
ROWE City Engineering			contract \$	79,000.00		
Dump Site Analysis			contract \$	42,892.00		
LAN Water Implementation			contract \$	244,900.00		
JFA /U.S. Dept Interior					\$ 27,295.00	
Raftelis Financial Update					\$ 23,810.00	
Bray Road					\$ 500,000.00	
TTHM Violation Letters/Mailings					\$ 25,000.00	
MDEQ Permit Fees					\$ 100,000.00	
Energy Costs/Performance Contracts					\$ 250,000.00	
Veolia Water Consultant					\$ 40,000.00	
City Works/Assest Management					\$ 350,000.00	
Operational Contingency					\$ 117,500.00	
Total Dept 536.100-Utilities - Water Administration				\$ 366,792.00	\$ 1,433,605.00	
Dept 540.100-Water Service Center Management						
Fund 591 - Water Fund						
801.000 Professional Service	374,400.00	0.00	74,877.03	250,869.51	48,653.46	87.00
Sewerlines Cty Engineering			contract \$	190,000.00		
Internal Investigations			contract \$	95,645.22		
Landfill Services					\$ 12,500.00	
Janitorial Services					\$ 4,260.00	
After Hours Water & Staking					\$ 2,500.00	
Line Stopping					\$ 25,000.00	
				285,645.22	44,260.00	

Fund 591 - Water Fund

801.000	Professional Service	60,000.00	0.00	0.00	500.00	59,500.00	0.83
	Fire Extinguisher Services			contract.	500.00		
					500.00		
				Balance is being used for budget adjustment to cover overruns for garage charges.			
	Current garage overruns is \$100,000.00					59,500.00	

Dept 540.300-Capital Improvement

Fund 591 - Water Fund

801,000	Professional Service	2,660,000.00	0.00	0.00	60,000.00	2,600,000.00	2.26
	Water Meters			contract	60,000.00		
	Water Main Replacement Iroquois					\$ 2,500,000.00	
	Valve Exercising					\$ 100,000.00	
Total Dept 540.300-Capital Improvement					\$ 60,000.00	\$ 2,600,000.00	

Dept 5-15.200-Water Plant - Operations

Fund 591 - Water Fund

801.000	Professional Service	80,000.00	0.00	8,866.98	10,323.02	60,810.00	23.99
	Lab Testing			contract	10,323.02		
	Dam inspections					\$ 11,500.00	
	Comprehensive Reulatory Compliance					\$ 40,000.00	
	Lab Proficiency Testing					\$ 6,000.00	
	All Max Data Support					\$ 2,500.00	
	Total Dept 545.200-Water Plant - Operations				\$ 10,323.02	\$ 60,000.00	

Dept 545.201-Water Plant Maintenance

Fund 591 - Water Fund

801.000	Professional Service	26,000.00	0.00	3,700.00	12,955.00	9,345.00	64.06
	Vibration Analysis			contract	\$ 5,500.00		
	Elevator Inspections & Services			contract	\$ 2,455.00		
	Diving for Dams Inspection			contract	\$ 5,000.00		
	RPZ Inspection & Repair					\$ 4,000.00	
	Generator Inspection & Services					\$ 5,000.00	
Total Dept 545.201-Water Plant Maintenance		26,000.00	0.00	3,700.00	\$ 12,955.00	\$ 9,000.00	64.06

Dept 545.300-Water Plant - Capital improvements

Fund 591 - Water Fund

801.000	Professional Service	2,900,000.00	0.00	927,098.07	1,296,474.81	676,427.12	76.67
	Installation of Storage Tanks			contract \$	716,272.00		
	Motor Control Upgrade			contract \$	440,157.00		
	Easement- Electrical Grounding			contract \$	4,054.00		
	Lime Residual			contract \$	135,991.81		
	Cedar Street Pump Station					\$ 500,000.00	
	Pump Station Feeder					\$ 125,000.00	
	TTHM Operational Evaluation					\$ 50,000.00	

Total Dept 545.300-Water Plant - Capital improvements	2,900,000.00	0.00	\$ 1,296,474.81	\$ 675,000.00	76.67
-------------------------------------------------------	--------------	------	-----------------	---------------	-------

Total	Budgeted	YTD Balance	Encumbered	Unencumbered
	\$8,420,400.00	\$1,552,386.73	\$2,032,690.05	\$4,821,865.00

WATER FUND EXPENSES

							STATUS QUO	2015-16
		2013-14	2014-15	2015-16	2015-16	2015-16	REVISED	BUDGET
		ACTIVITY	AMENDED	APPROVED	BUDGET	BUDGET	2015-16	CHANGES
			BUDGET	BUDGET	CHANGES	CHANGES	BUDGET	WITH DWSD &
GL NUMBER	DESCRIPTION				FOR DWSD	FOR DWSD	WITH DWSD	ALL CAPITAL FUNDING ELIMINATED
Expenses - Water Fund								
Dept 536.100-Utilities - Water Administration								
	Wages and Fringes	\$76,155	\$528,777	\$445,851			\$445,851	
	Repairs and Improvements	\$2,497,397	\$2,320,000	\$2,320,000		\$0	\$2,320,000	(\$1,320,000)
	Other Expenses	\$2,295,410	\$2,248,750	\$2,248,750			\$2,248,750	
Dept 540.100-Water Service Center Management								
	Wages and Fringes	\$199,883	\$228,451	\$256,343			\$256,343	
	Repairs and Improvements	\$140,589	\$374,400	\$350,000		\$0	\$350,000	(\$300,000)
	Other Expenses	\$106,780	\$477,292	\$547,649		\$0	\$547,649	
Dept 540.200-Water Meter Reading - Water								
	Wages and Fringes	\$439,251	\$488,365	\$481,316		\$0	\$481,316	
	Other Expenses	\$151,894	\$64,000	\$64,000		\$0	\$64,000	
Dept 540.202-Water Distribution Mains								
	Wages and Fringes	\$2,383,598	\$3,006,530	\$3,024,627		\$0	\$3,024,627	
	Repairs and Improvements	\$391	\$60,000	\$85,000		\$0	\$85,000	(\$85,000)
	Other	\$1,230,118	\$920,457	\$849,500		\$0	\$849,500	
Dept 545.200-Water Plant - Operations								
	Wages and Fringes	\$988,523	\$1,827,003	\$1,761,027	Staffing	(\$65,976)	\$1,695,051	
	Repairs and Improvements	\$48,723	\$80,000	\$80,000			\$80,000	(\$80,000)
	Supplies, Utilities and Other	\$22,779,389	\$3,445,656	\$3,318,056			\$3,318,056	
					Fixed Charge DWSD	\$10,180,400		
					Commodity Chg DWSD	\$12,818,190		
					Chemical Purchase	(\$1,480,800)		
					Electrical Power	(\$850,600)		
Dept 545.202-Water Plant - Dam Operations		\$119,216	\$0	\$0			\$0	
Dept 545.203-Water Plant - Dam Maintenance		\$126,623	\$0	\$0			\$0	
Dept 545.300-Water Plant - Capital Improvements								
	Repairs and Improvements	\$988,815	\$2,908,000	\$1,300,000			\$1,300,000	(\$1,200,000)
	Other	\$985,161	\$3,705,000	\$2,400,000			\$2,400,000	
Dept 900.100-Cost Allocation and Retiree Healthcare		\$3,111,662	\$5,600,242	\$6,077,577			\$6,077,577	
Dept 966.103-PILOT Payment		\$1,130,000	\$1,130,000	\$1,130,000			\$1,130,000	
Dept 966.493-Debt Service		\$2,638,071	\$2,638,071	\$2,638,071			\$2,638,071	
Dept 540.300-Capital Improvement								
	Repairs and Improvements	\$0	\$2,660,000	\$2,660,000			\$2,660,000	(\$2,660,000)
	Other	\$0	\$530,000	\$530,000			\$530,000	
Dept 233.100-Purchasing								
	Wages and Fringes	\$63,263	\$0	\$29,313			\$29,313	
Dept 253.202-Bad Debt Expense		\$163,939	\$0	\$0			\$0	

Dept 536 206-Utilities - Water Cross Connection Prog	\$100,310	\$109,945	\$108,182		\$108,182	
Dept 545 201-Water Plant Maintenance						
Wages and Fringes	\$1,063,267	\$1,147,846	\$1,127,386		\$1,127,386	
Repairs and Improvements	\$8,142	\$26,000	\$26,000		\$26,000	(\$20,900)
Other	\$420,048	\$673,349	\$699,000		\$699,000	
591-536 100-990,700						
RWA Operation Payment	\$0	\$584,000	\$584,000		\$584,000	
Reserve	\$0		\$2,873,750		\$2,873,750	(\$2,873,750)
Total Expenses	\$44,210,032	\$37,767,035	\$37,886,000	\$20,265,692	\$58,151,692	\$48,576,942

WATER FUND REVENUES							2015-16 BUDGET CHANGES WITH DWSD & ALL CAPITAL FUNDING		
GL NUMBER	DESCRIPTION	2013-14 ACTIVITY	2014-15 AMENDED BUDGET	2015-16 APPROVED BUDGET	2015-16 BUDGET CHANGES FOR DWSD	STATUS QUO REVISED 2015-16 BUDGET WITH DWSD	Inc.	ELIMINATED	Inc.
Revenues- Water fund									
	Meter Water Sales	\$42,132,946	\$37,000,000	\$37,000,000	\$20,265,692	\$57,265,692	55%	\$48,576,942	31%
	Other Revenues	\$1,589,155	\$886,000	\$886,000	\$0	\$886,000		\$886,000	
	Asset Sale	\$3,493,743	\$0	\$0	\$0	\$0		\$0	
	Carry Over	\$0	\$3,263,505	\$0	\$0	\$0		\$0	
Total Revenues		\$47,215,844	\$41,149,505	\$37,886,000	\$20,265,692	\$58,151,692		\$48,576,942	

From: Stoken, Laura (GOV)
Sent: Tuesday, January 05, 2016 1:13 PM
To: Murray, David (GOV)
Subject: RE: Note about Flint water story

Thanks Dave- We are going to hold all flint water written correspondence until after Thursday's meeting..... But the below info will be helpful to incorporate into any phone conversations we may have today/ tomorrow....

Currently Holding: 67 individual e-mails/ letters/ web inquiries that came in today

Thanks,

Laura

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 1:10 PM
To: Stoken, Laura (GOV) <Stokenl@michigan.gov>
Subject: Note about Flint water story


"We will cooperate fully with any requests from the U.S. Attorney's Office as it looks into Flint's water challenges. Gov. Snyder has appointed an independent panel that is reviewing all state, local and federal actions related to the situation. We are committed to working with Mayor Karen Weaver and county leaders as we focus on protecting the health of Flint residents and all Michiganders."

Dave Murray

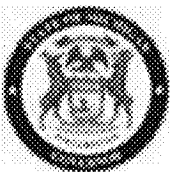
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

 mobile

Twitter: @michigandmurray



From: Roberts, John (DTMB)
Sent: Wednesday, October 07, 2015 7:20 PM
To: Snyder, [PPI]
Cc: Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Wyant, Dan (DEQ); Duncan, Nancy (DTMB); Scott, Allison (GOV)
Subject: Flint Funding Request
Attachments: City of Flint Water Funding Solution.pdf; ATT00001.htm

Governor –

Attached is a summary of the funding recommendations, from the departments, to address the Flint Water situation. The total state commitment would be \$10.4m; \$7.9m of that amount is GF/GP. [The DHHS number needs to be verified tomorrow morning, but the final number should be close to this estimate.]

The funding will address 4 priority areas:

1. Provision of filters for residential service;
2. 50% of the estimated cost to reconnect temporarily to the Detroit Water System;
3. Funding for testing water samples; and
4. Other state assistance (e.g., home/school/health facility inspections and follow-up for children with elevated blood levels).

We are preparing a formal supplemental request to transmit to the Legislature tomorrow. I intend to talk with Rep. Pscholka and Sen. Hildenbrand about including this funding in HB 4102, the pending supplemental bill now awaiting House concurrence. Assuming that they agree, we would ask for final action next week.

Are you ok proceeding with these numbers?

John

City of Flint Water - Funding Solution
State of Michigan Commitment

Agency	GF/GP	Gross	Comments
Filters:			
Health & Human Services	\$1,016,000	\$1,016,000	AY15 work project
Health & Human Services	\$0	\$1,000,000	DEQ State Restricted Settlement Funds provided to HHS Emergency Services local office (FY16 appropriation).
Subtotal Filters:	\$1,016,000	\$2,016,000	
Reconnect to DSW:			Reconnection costs ~\$1.3m/month x 9 mos. to be shared by state & Flint
Environmental Quality	\$5,000,000	\$6,000,000	DEQ State Restricted Settlement Fund of \$1m; balance GF/GP
Subtotal Reconnect:	\$5,000,000	\$6,000,000	
Testing Costs:			
Environmental Quality	\$1,000,000	\$1,000,000	Additional tests at state lab; cost per sample: \$26
Subtotal Testing:	\$1,000,000	\$1,000,000	
Additional Agency Support:			
LARA	\$0	\$200,000	Support for plumbing inspectors to do schools (public and parochial) and health facilities (hospitals, Long Term Care, etc.).
MSHDA	\$0	\$249,900	
Health & Human Services	\$600,000	\$600,000	Follow-up on children with elevated blood levels
Environmental Quality	\$300,000	\$300,000	Home and school inspections.
Subtotal Additional Support:	\$900,000	\$1,349,900	
ALL TOTAL	\$7,916,000	\$10,365,900	

From: Wyant, Dan (DEQ)
Sent: Monday, December 28, 2015 9:49 AM
To: Snyder, Rick (GOV); Scott, Allison (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Murray, David (GOV); Holland, Meegan (GOV); Lyon, Nick (DHHS)
Cc: Wyant, Dan (DEQ)
Subject: FW: Auditor General Letter – City of Flint Drinking Water
Attachments: Auditor General Letter - City of Flint Drinking Water.pdf

FYI – Please see the attached letter. The Auditor General findings are consistent with the DEQ's own internal review. The Auditor General delivered the letter to Senator Ananich late Wednesday, December 23, 2015.

Please call me if you have any questions.

Dan Wyant
Director

Attachment

From: MI_Office_of_the_Auditor_General [mailto:mi_auditor_general@audgen.michigan.gov]
Sent: Wednesday, December 23, 2015 3:18 PM
To: aleavitt@senate.michigan.gov; sstudley@senate.michigan.gov
Cc: Hirst, Laura (OAG); Ringler, Doug (OAG); Wyant, Dan (DEQ); Sygo, Jim (DEQ)
Subject: Auditor General Letter – City of Flint Drinking Water

Please see the attached letter, which addresses your questions about the City of Flint's drinking water.

We stand ready to answer any questions that you may have. Thank you.



OAG

Office of the Auditor General

201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • www.audgen.michigan.gov

Doug A. Ringler, CPA, CIA
Auditor General

December 23, 2015

The Honorable Jim Ananich
Senate Minority Leader
State Capitol, Room S-105
Lansing, Michigan

Dear Senator Ananich:

Enclosed are answers to the questions you posed in your October 20, 2015 letter to our office regarding the audit we are conducting of the Office of Drinking Water and Municipal Assistance (ODWMA), Department of Environmental Quality (DEQ), specific to lead contamination in the City of Flint's drinking water. Also enclosed are additional questions we developed that are relevant to these issues, along with five exhibits:

- A map showing Flint water samples by zip code.
- A map showing lead counts of 5 parts per billion or higher.
- Two charts showing the number of samples by time period and zip code.
- A time line of the Flint water review.

We appreciate the opportunity to assist you in answering questions regarding this topic. If you have further questions or a request for other services, please do not hesitate to contact our office.

Sincerely,

Doug Ringler
Auditor General

Enclosures

Q1: How does ODWMA ensure the data it receives is accurate?

A: With regard to the United States Environmental Protection Agency (EPA) Lead and Copper Rule (LCR) monitoring requirements, DEQ relies on the following key controls to ensure the accuracy of test results:

- State-owned laboratories test water samples.
- State-owned laboratories send test results directly to DEQ.
- The City of Flint Water Treatment Plant (Flint WTP) certifies whether sample sites are classified as tier 1*.

The current Flint WTP LCR sampling process includes:

1. DEQ informs the Flint WTP of the required water lead and copper sample size.
2. The Flint WTP determines the pool of tier 1 sites for sampling.
3. The Flint WTP selects the sample.
4. The Flint WTP sends out sample kits and instructions to residents for collecting water samples.
5. Residents leave samples and signed sampling forms outside their front doors.
6. The Flint WTP employee picks up samples and forms from residents.
7. The Flint WTP employee reviews sample forms for completeness.
8. The Flint WTP employee sends samples to the State-owned laboratories.
9. State-owned laboratories test samples and provide results directly to DEQ.
10. DEQ receives water lead and copper sample results, which include the following information: date collected, date received, address where collected, type of residence (e.g., single family or apartment), and sample point (e.g., kitchen sink or bathroom sink).
11. DEQ tracks, and follows up if necessary, the number of samples collected by the Flint WTP to help ensure that the required minimum number of samples are collected by the monitoring period deadline.

* Single-family or multiple-family residence with lead service line, lead solder copper piping constructed after 1982, or lead plumbing.

12. The Flint WTP submits lead and copper report to DEQ that certifies whether sample sites meet tier 1 criteria.
13. DEQ prepares the LCR 90th percentile calculation report.

During our review, we noted two potential improvements for the Flint WTP sampling process (see Question 5 of the additional questions answered by the OAG regarding tier 1 sample validity):

- DEQ could verify that the sampling pool was limited to only tier 1 sample sites to ensure that the Flint WTP is in compliance with the LCR (Title 40, Part 141, section 86(a)(3) of the *Code of Federal Regulations* [CFR]).
- DEQ could independently verify the validity of sample site certifications.

Q2: What accountability measures are in place for ODWMA staff who fail to follow data verification protocols?

A: DEQ does not provide any direct oversight over the Flint WTP and, therefore, does not have any accountability measures over the Flint WTP's LCR data verification protocols. DEQ's data verification protocol for lead and copper water sampling is limited to verification that the WTP certifies samples submitted to the State-owned laboratories for analysis (see steps 7 and 12 in the Flint WTP LCR sampling process noted in Question 1 above). We did not identify any instances in which ODWMA staff failed to verify that submitted samples were certified by the Flint WTP.

Q3: What accountability measures are in place for ODWMA staff who lie or misrepresent information to the EPA?

A: As with all classified employees, ODWMA staff must adhere to the rules and regulations established by the Michigan Civil Service Commission. If any ODWMA staff were determined to misrepresent information to the EPA, they would be subject to Civil Service Rule 2-6, Discipline, which allows an appointing authority to discipline an employee for just cause up to and including dismissal. We are not aware of any DEQ-established measures that are in addition to the Civil Service Rules.

We gained access to the e-mail accounts of key DEQ management (DEQ Director, Deputy Director, ODWMA Chief, and other key ODWMA staff) extending back to January 1, 2013. We did so to identify the key decision points and conversations that occurred leading up to and through the situation in Flint. Our review was also intended to determine whether State, Flint, or other officials attempted to conceal key test results or other information.

We noted one e-mail exchange between DEQ and the EPA that appears to be a significant contributor to the concern that DEQ misrepresented information to the EPA. The EPA requested clarification on February 26, 2015 regarding the type of optimized corrosion control **treatment** the Flint WTP was using. DEQ responded on February 27, 2015 that the city had an optimized corrosion control **program** in place, but DEQ did not provide any program details. DEQ informed us that the Flint WTP corrosion control **program** included performing

lead and copper monitoring for two consecutive six-month periods to determine whether corrosion control **treatment** would be necessary in the future. However, it appears the EPA interpreted corrosion control **program** to mean that corrosion control **treatment** was being performed.

On April 23, 2015, the EPA again inquired as to what the Flint WTP was doing for corrosion control **treatment**. DEQ responded on April 24, 2015 that the Flint WTP was not practicing corrosion control **treatment**.

Based on our review of this and other e-mails, we have no specific reason to believe that DEQ willfully misrepresented the information to the EPA.

Q4: What policies do DEQ and ODWMA have in place to escalate major infractions up the chain of command?

A: We did not note any instances of major infractions (i.e., intentional disregard of policies, laws, regulations or specific directions) committed by DEQ staff during the course of our review. DEQ does not have a formal policy or procedure in place to escalate major infractions performed by ODWMA employees; however, our review of DEQ correspondence confirmed the escalation of key issues up the chain of command related to the Flint situation. DEQ stated that its informal policy is for staff to notify the proper level of management of infractions to determine necessary action.

Application of the LCR**Q1: How did the Flint WTP become the primary water supplier for the City of Flint?**

A: Upon notification of the City of Flint's plans to switch to the Karegnondi Water Authority (KWA) in April 2013, the Detroit Water and Sewerage Department (DWSD) submitted a letter to the City of Flint stating that it would terminate its agreement to provide water services on April 17, 2014.

According to DEQ management, the Flint WTP attempted to negotiate with the DWSD to maintain it as the City of Flint water supplier; however, after negotiations were unsuccessful, the City of Flint notified DEQ through a permit request of its intent to operate the Flint WTP full time using the Flint River. Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of the Flint River as a temporary drinking water source.

DEQ informed us that in the 1990s, the City of Flint upgraded the Flint WTP to serve as a backup source of water for emergencies. In 2006, the Flint WTP began quarterly testing of the treated Flint River water at the Flint WTP to ensure water quality standards were met; however, the Flint WTP did not test the water's effect on the distribution system at consumer tap locations.

Q2. Did DEQ consult with the EPA prior to determining how to apply the LCR?

A: DEQ did not consult with the EPA on how to apply the LCR prior to implementing two consecutive six-month monitoring periods of the Flint WTP beginning July 1, 2014. Based on past experiences applying the LCR monitoring requirements, DEQ believed that it had appropriately applied the LCR requirements of a large water system.

Q3: When Flint switched to the Flint River water source, should corrosion control treatment have been maintained?

A: We believe that corrosion control treatment should have been maintained.

According to the LCR, a water system can achieve optimized corrosion control if it submits results of tap water monitoring for two consecutive six-month monitoring periods with acceptable lead levels. However, a water system that has optimized corrosion control, and which has treatment in place, should continue to operate and maintain optimal corrosion control treatment.

DEQ staff explained that they did not treat the switch to Flint River water as a new system, but as a new source. DEQ further stated that because the Flint River was a new water source and there was a change in chemicals needed to treat the new source, a corrosion control study was needed to determine the impact on the water distribution system. Therefore, it was DEQ's interpretation that two rounds of six-month monitoring were still needed to evaluate the water quality and determine optimal corrosion control treatment.

The Flint water system had optimal corrosion control treatment when the DWSD WTP was the water supplier. Based on our review of notes from a July 21, 2015 EPA and DEQ conference call on DEQ's implementation of the LCR regarding whether the Flint WTP should have continued to maintain corrosion control treatment, it appeared that the EPA did not agree with DEQ's interpretation of the LCR. Region 5 EPA staff explained that they would talk to the EPA headquarters about the interpretation of regulations and believes that systems that have been deemed optimized need to "maintain" corrosion control. The Region agreed to provide supporting regulatory citations for the language about maintaining corrosion control.

On November 3, 2015, the EPA issued a memorandum stating that the LCR had differing possible interpretations; however, the EPA concluded that it is important for large water systems to take the steps necessary to ensure that appropriate corrosion control treatment is maintained at all times, thus ensuring that public health is protected. Based on this clarification, it appears that corrosion control treatment should have been maintained.

Q4: Should DEQ have required the Flint WTP to start pursuing optimized corrosion control treatment after the first round of six-month sampling results were above the lead action level of 5 parts per billion (ppb)?

A: Yes. According to DEQ's application of the LCR, within six months after the end of the monitoring period in which the water sample results exceeded the acceptable lead level, DEQ should have required the Flint WTP to start pursuing optimized corrosion control treatment.

The LCR states that the lead action level is exceeded if the lead level, as determined by the 90th percentile calculation, is greater than 15 ppb. If the lead action level is exceeded, water systems are required to take additional actions including educating the public about lead in drinking water as well as commencing lead service line replacement if the water system has already installed corrosion control and/or source water treatment. However, for water systems that have not yet implemented corrosion control treatment, they can be deemed to have optimized corrosion control without installing treatment if they can demonstrate lead levels below 5 ppb for two consecutive six-month periods.

The first round of six-month sampling results was received in late March 2015. Because the results were 1 ppb over the lead action level of 5 ppb, DEQ would not be able to achieve two consecutive six-month periods below 5 ppb. Therefore, DEQ should have notified the Flint WTP to start pursuing optimized corrosion control treatment. However, DEQ waited until the second round of sampling was completed (June 30, 2015) to assess whether water sample results improved.

Water Samples

Q5: Did DEQ verify that only tier 1 sample sites were selected by the Flint WTP in the two rounds of six-month samples?

A: DEQ did not verify that only tier 1 sample sites were selected. DEQ relies on the Flint WTP's certification of sample sites and does not perform any independent verification of those certifications.

In a November 19, 2015 *Flint Journal* article, the Flint WTP indicated that it did not have the ability to ensure that all sites were tier 1. In fact, water samples came from the random distribution of 175 testing bottles without regard for whether the homes were at risk for high lead levels. DEQ issued a formal memorandum on November 9, 2015 requesting that the Flint WTP verify the classification of all prior sample items. The results are due back from the Flint WTP on December 30, 2015.

Q6: DEQ dropped two water sampling sites from its second six-month sample (January 1, 2015 through June 30, 2015). Was this appropriate?

A: Yes, it was appropriate for DEQ to drop these two water sampling sites. Federal regulation 40 *CFR* 141.86(a) states:

" . . . each water system shall complete a materials evaluation of its distribution system in order to identify a pool of targeted sampling sites that meets the requirements of this section . . . All sites from which first draw samples are collected shall be selected from this pool . . . Sampling sites may not include faucets that have point-of-use or point-of-entry treatment devices designed to remove inorganic contaminants."

This regulation also requires that a water system's targeted sampling pool consist of only tier 1 sampling sites if an adequate number is available to meet monitoring requirements.

According to federal regulation 40 *CFR* 141.86(f), the State may invalidate a water sample if it determines that the sample was taken from a site that did not meet the site selection criteria. A sample invalidated per this regulation does not count toward determining lead or copper 90th percentile levels or toward meeting the minimum monitoring requirements.

DEQ dropped one water sample site from its 90th percentile calculations because the site was from a business that does not meet the tier 1 requirements of being a single-family or multiple-family residence. The second sample site was dropped because the home had a point-of-entry treatment device to filter contaminants. Based on the criteria specified above, it appears that DEQ's rationale for dropping the samples from these two sites appropriately met the requirements for invalidating samples per federal regulation 40 *CFR* 141.86.

Q7: Was flushing of the taps the night before drawing a sample an appropriate sample methodology?

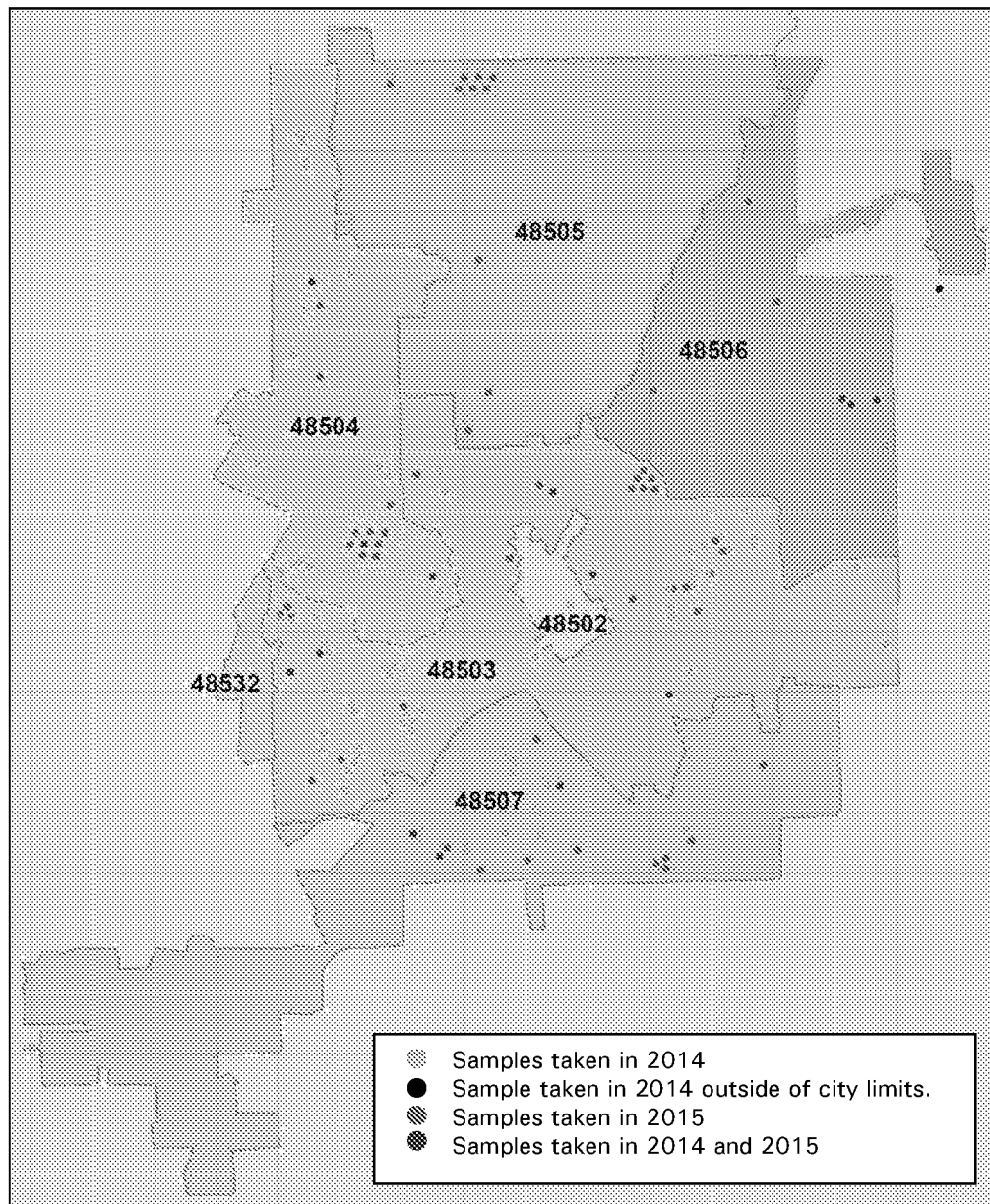
A: Yes. The LCR requires that samples be a first draw of water after six hours of stagnation. The LCR does not indicate whether or not the water line should be flushed prior to collecting the sample. In the sample instructions, DEQ required preflushing to ensure that sampled faucets were not stagnant for an excessive period of time beyond the targeted six hours (e.g., rarely used faucets or when a homeowner has been gone for an extended period of time.)

The LCR requires six hours of stagnation; however, it does not preclude DEQ from instructing residents to flush prior to stagnation.



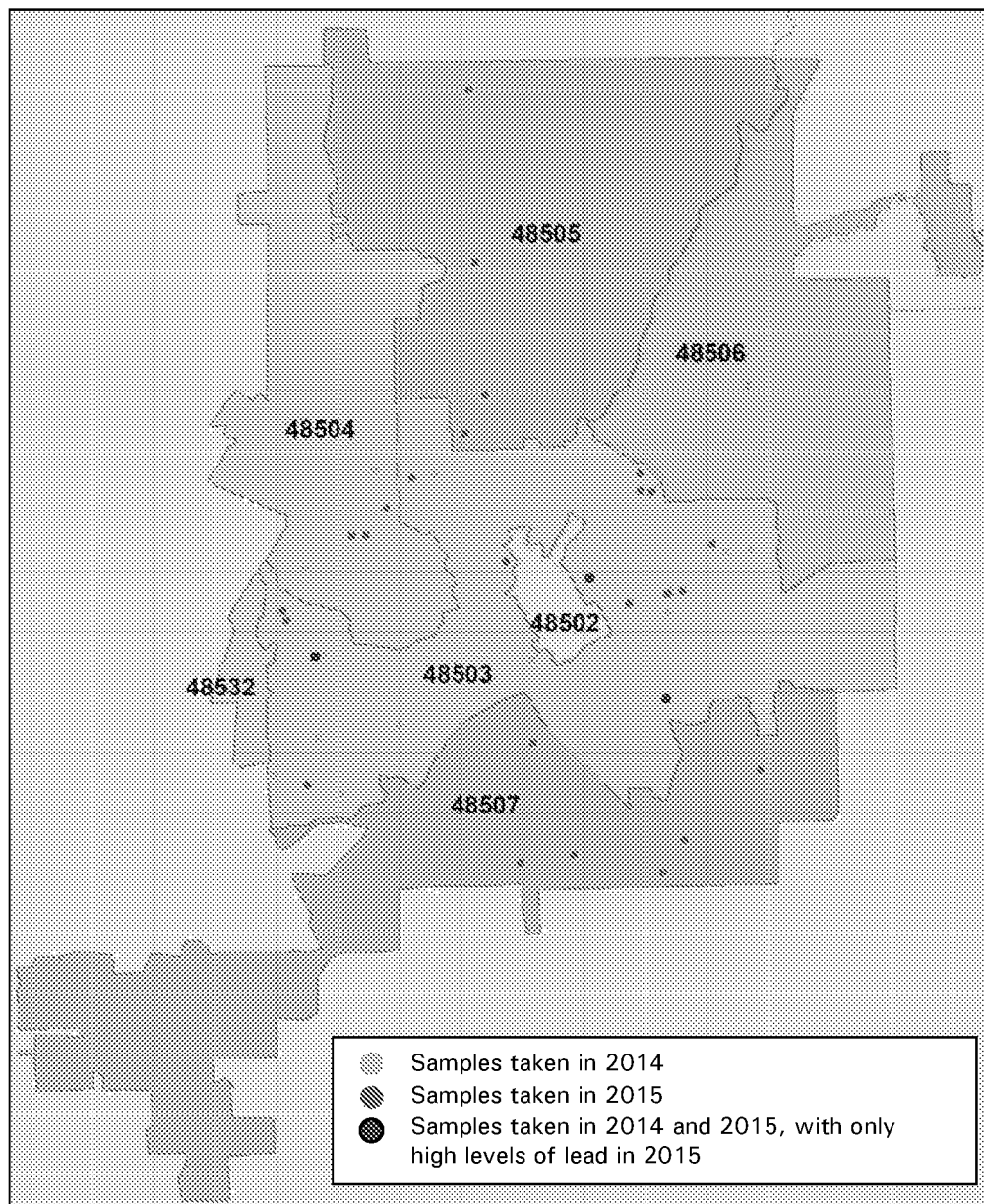
In calendar year 1992, the Flint WTP established a tier 1 sample site pool for LCR monitoring. With the change to the Flint River water, the Flint WTP needed to increase the pool of sample locations because of additional sampling requirements. The following exhibit documents the 2014 and 2015 sample locations for LCR monitoring. Based on the data obtained during our review, we could not determine how the locations were selected or whether they were properly classified as tier 1 sample sites.

As noted in Question 5 of the additional questions answered by the OAG, DEQ has requested the Flint WTP to verify the tier 1 classification of all prior sample items.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

This exhibit documents the 2014 and 2015 sample locations with lead counts of 5 ppb or higher. This information is used in aggregate by DEQ to determine if the city has optimized lead levels.

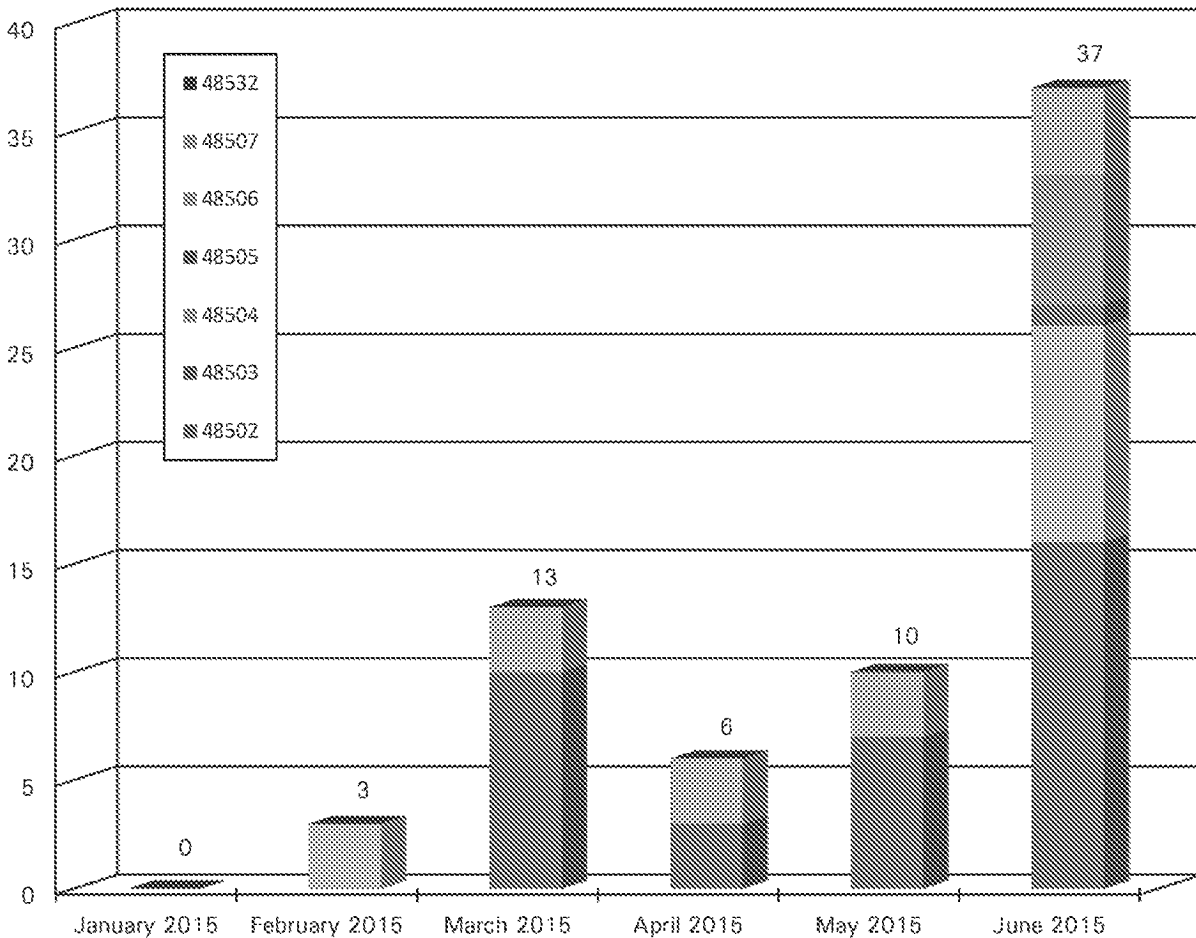


Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.



Flint WTP 2015 Number of Samples by Time Period and Zip Code (Exhibit #3)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



Source: The OAG prepared this chart using data obtained from DEQ.

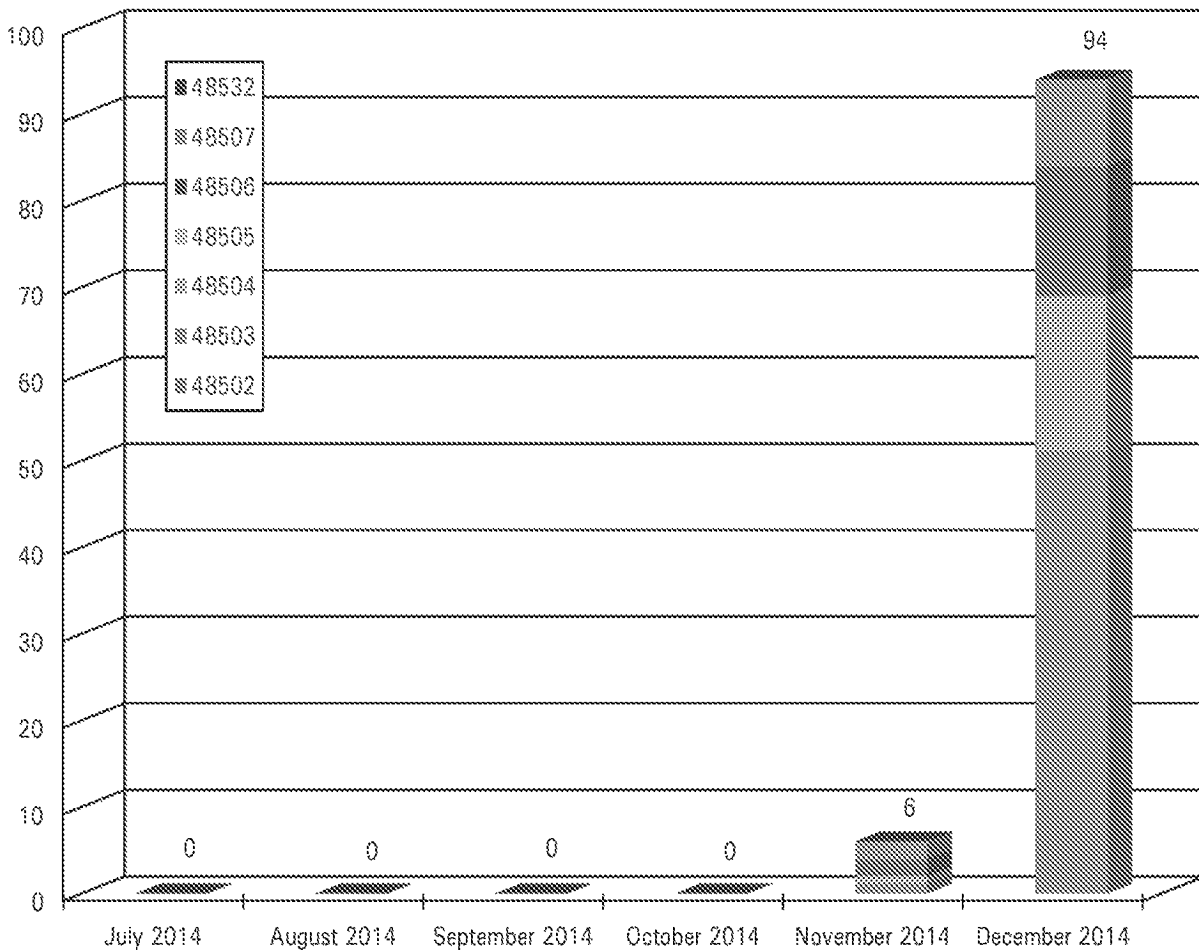


OAG

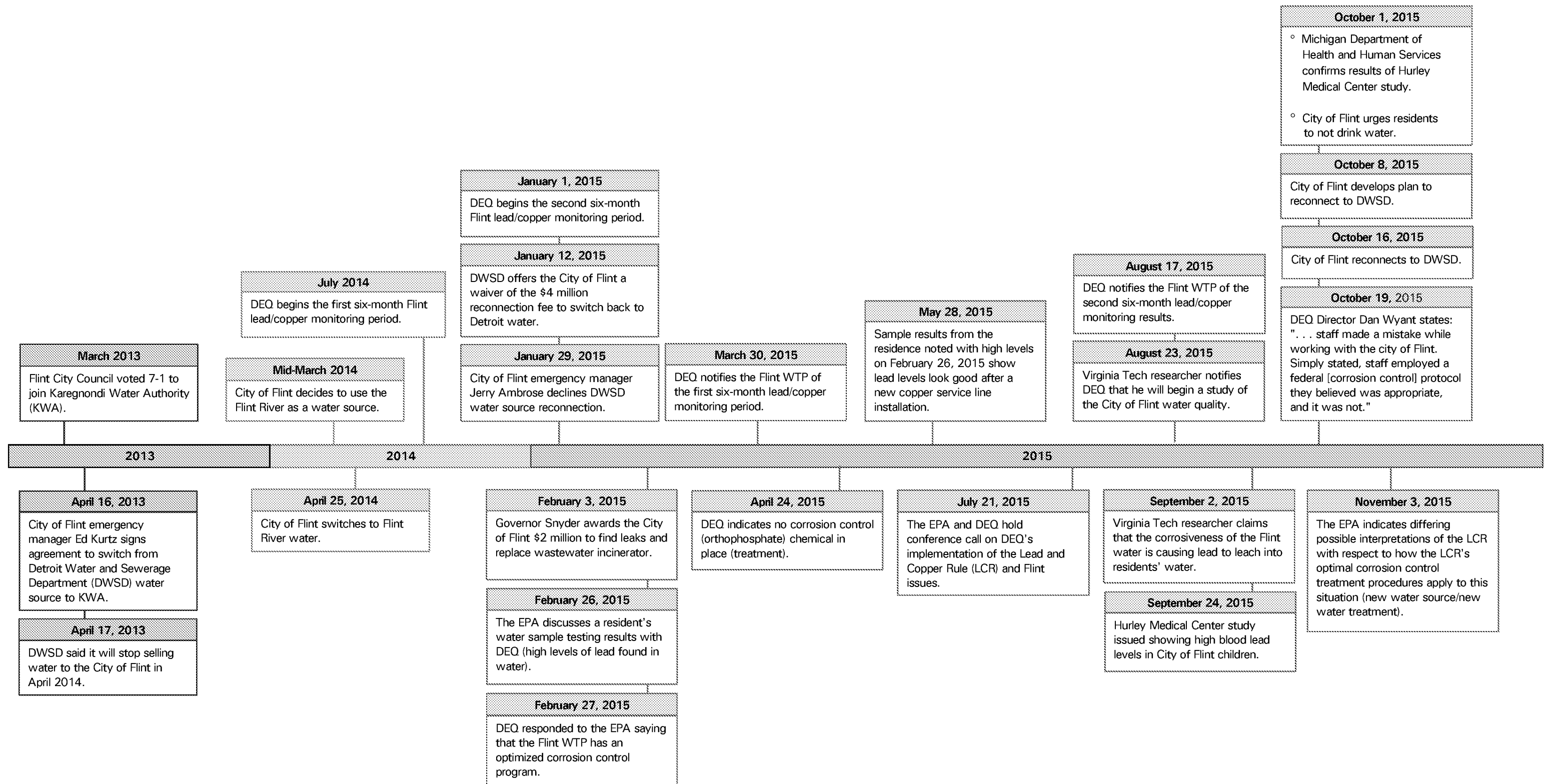
Office of the Auditor General

Flint WTP 2014 Number of Samples by Time Period and Zip Code (Exhibit #4)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



Source: The OAG prepared this chart using data obtained from DEQ.



From: Posthumus, Dick (GOV)
Sent: Wednesday, September 11, 2013 11:39 AM
To: Durfee, Sally (GOV)
Cc: Roberts, John (GOV); Ackerman, Darin (GOV); Wurfel, Sara (GOV)
Subject: Re: Flint-tomorrow
Attachments: image001.gif

The press release is not accurate. The two will work together during the transition in the month of October. Mike Brown will be available until 10/31, but as soon as the city council approves Early (which was estimated to be 10/1) Brown will officially resign and Early will be officially appointed.

Dick

Sent from my iPad

On Sep 11, 2013, at 10:52 AM, "Durfee, Sally (GOV)" <sdurfee@michigan.gov> wrote:

>
> If you read press release – it looks like there is an 2 EM's for Flint from 9/30 – 10/31....Mike Brown effective date 10/31 – Darnell Earley effective date 9/30....
>
> I was asked by Stanley's office – so we have two EM's for a month.
>
> From: Wurfel, Sara (GOV)
> Sent: Tuesday, September 10, 2013 3:29 PM
> To: Muchmore, Dennis (GOV); Roberts, John (GOV); Baird, Richard (GOV);
> Posthumus, Dick (GOV); Ackerman, Darin (GOV); Durfee, Sally (GOV);
> Hollins, Harvey (GOV); McBride, Bill (GOV); Rustem, William (GOV)
> Cc: Holyfield, Jeff (GOV); Wisniewski, Wendy (GOV); Scott, Allison
> (GOV); Silfven, Ken (GOV); Murray, David (GOV); Rospond, Laurie (GOV);
> Clayton, Stacie (GOV); VanSickle, Michele (GOV); Stoken, Laura (GOV);
> Smith, Jennifer (GOV)
> Subject: FW: Flint-tomorrow
> Importance: High
>
> Per various conversations with our team, attached are two pieces regarding latest on Flint and outgoing and incoming EM.
>
> Tentative plan is – via a joint press conference/media availability tomorrow morning, Sept. 11, at 10 a.m. in Flint – for Mike Brown to officially announce his resignation and transition plans, and Darnell Earley to be announced as successor EM.
>
> It's a little tricky given all the moving parts, but this appears to be best way forward if possible. Timing is relatively crucial as word is starting to get out, and both Mike and Darnell have out of state travel plans and/or family commitments later this week and into next.
>
> There is a part for legislative notifications at 9:30 a.m. tomorrow. Harvey – don't know if there are any particular community leader notifications you'd like to make (Mike is slated to do a bunch to), and Bill M – not sure if there are Congressional notification you'd like to make to Kildee, et al?

>
> Thanks!
> SW
>
>
> From: Stanton, Terry A. (Treasury)
> Sent: Tuesday, September 10, 2013 2:03 PM
> To: Wurfel, Sara (GOV)
> Cc: Silfven, Ken (GOV); Smith, Jennifer (GOV)
> Subject: Flint-tomorrow
> Importance: High
>
> Sara, et al...
>
> Attached is a draft release for tomorrow morning (if we move fwd). Please advise on suggested edits, etc.
>
> I have also attached the latest version of the Comms Plan I sent yesterday evening. Reminder that Mike B is likely to leave town tomorrow afternoon/evening with no particular timeline for his return (family situation).
>
> Terry
> <Flint_Brown Earley draft.doc>
> <Flint_SuccessorEM Comms Plan 9-11-13.doc> <image001.gif>

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 5:49 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Attachments: 09-22-15 Kildee Requesting Temporary Assistance for Lead in Flint Water.pdf; Flint Pediatric Lead Concerns REVISED.PDF

Importance: High

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Attached are two documents for your information: 1) A letter from US Representative Kildee to Craig Fugate of FEMA, HHS, EPA, and CDC and 2) a PowerPoint on Flint water concerns. Essentially, Representative Kildee is requesting FEMA take action to resolve potable water quality issues associated with the Flint water system.

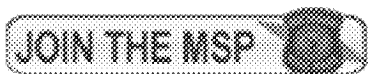
This is the first we heard of the letter and I actually found out from the FEMA Region V Director when he called me about an hour ago. He and I discussed a few things on this and he will respond advising they need to work through the local EM system in MI (engaging the local EM and then EMHSD). They also are working through the local health department as I confirmed with Dr. Scott from DHHS. If Flint needs water or want water the first step is to handle it locally (at least on the EM side and then push up any gaps they cannot fill to us). We are not aware of any work the local EM has done in this regard. I will be with the FEMA Region V Director as well as the FEMA Administrator, Craig Fugate, this week if they have questions.

I have advised Dr. Jackie Scott from DHHS and will be sending her the letter and ppt.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."



DANIEL T. KILDEE
5th DISTRICT, MICHIGAN

COMMITTEE ON
FINANCIAL SERVICES

SUBCOMMITTEE ON
HOUSING AND INSURANCE

SUBCOMMITTEE ON
MONETARY POLICY AND TRADE

SENIOR WRAP

DEMOCRATIC POLICY AND
COMMUNICATIONS COMMITTEE



Congress of the United States
House of Representatives
Washington, DC 20515

WASHINGTON OFFICE

227 CANNON HOUSE OFFICE BUILDING
WASHINGTON, DC 20515
(202) 225-3611
(202) 225-5383 (Fax)

DISTRICT OFFICE

111 EAST COURT STREET #3B
FLINT, MI 48502
(810) 238-8627
(810) 238-8658 (Fax)

WWW.DANKILDEE.HOUSE.GOV

Facebook: /RepDankILDEE
Twitter: @RepDankILDEE

September 22, 2015

Secretary Sylvia Matthews Burwell
U.S. Department of Health & Human Services
HHS Office of the Secretary
200 Independence Avenue, S.W.
Washington, DC 20201

Administrator William Craig Fugate
Federal Emergency Management Agency
500 C Street, S.W.
Washington, DC 20472

Administrator Gina McCarthy
Environmental Protection Agency
Office of the Administrator 1101A
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Director Tom Frieden
Centers for Disease Control and Prevention
1600 Clifton Road
Atlanta, GA 30329

Secretary Burwell, Administrator McCarthy, Administrator Fugate and Director Frieden:

Recent developments regarding the level of lead in the water in one of the communities I represent, Flint, Mich., have raised significant concerns about the safety of its drinking water. For this reason, I am requesting immediate resources to provide safe drinking water to the residents of Flint until additional testing can be completed that confirms the water is safe, particularly for young children.

Although the city of Flint and the Michigan Department of Environmental Quality have conducted tests and taken the position that the lead level in the water is safe and below the action level, there are significant questions about the efficacy of their testing. In fact, Dr. Marc Edwards of Virginia Tech University, an established drinking water expert, conducted his own tests as part of a study that determined the water in Flint was above the lead action level.

Additionally, yesterday the Greater Flint Health Coalition, a group of health professionals in the community, released a report showing elevated blood lead levels in residents in Flint, particularly in young children. In response, the Coalition has requested that the Genesee County Health Department release a health advisory indicating that the water in Flint is unsafe to drink.

Thus, I am requesting resources from your agency to provide clean drinking water to the residents of Flint until additional testing can determine when the water will be safe to drink and a long-term solution can be implemented.

This is a serious health issue, particularly for young children, and until the water is demonstrated to be safe, immediate action must be taken to ensure Flint's residents have potable drinking water.

I look forward to working with you and thank you for your immediate attention.

Sincerely,

A handwritten signature in dark ink, appearing to read "Daniel J. Kildee". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Dan Kildee

MEMBER OF CONGRESS

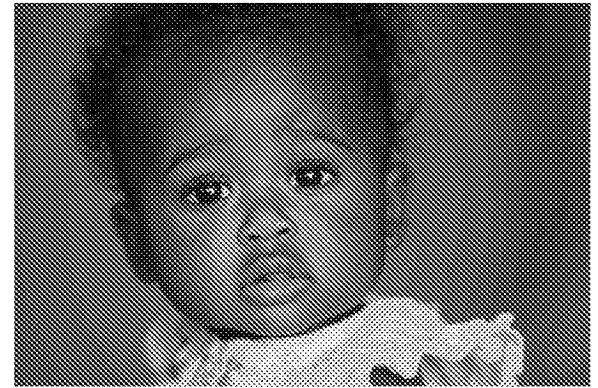
Pediatric Lead Exposure In Flint, Michigan: A Failure of Primary Prevention

Mona Hanna-Attisha MD MPH FAAP

Hurley Children's Hospital

Michigan State University Department of Pediatrics and Human
Development

Introducing Makayla*



- 12 month old girl (DOB 8/15/2014) presented last week for her 1 year old check up. No concerns.
- Lives with single mom and 2 older siblings in west side (48504). Formula from WIC; powder mixed with warm tap water.
- Physical exam and development are normal. Makayla receives her 1 year old vaccines and routine lead and hemoglobin screening.
- *A couple days later, lead level comes back as 6 ug/dL.*

*Hypothetical scenario

Blood lead level of 6 ug/dL....

- Blood lead levels (BLL) above 5 ug/dL are considered elevated blood lead levels (EBL)
- Just a few years ago (2012), 10 ug/dL was cutoff
- Increasing evidence shows NO safe blood lead level
- Disproportionately impacts low income, minority children
- Primary prevention is most important

Primary Prevention

- “Because no measurable level of blood lead is known to be without deleterious effects, and because once engendered, the effects appear to be irreversible in the absence of any other interventions, public health, environmental and housing policies should encourage PREVENTION of all exposure to lead.”

“Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention.” 2012
CDC Advisory Committee on Childhood Lead Poisoning Prevention.

What will happen to Makayla?

- Vast evidence supports increased likelihood of:
 - Decrease in IQ
 - An increase in BLL from 1 to 4 ug/dL, drops mean IQ -3.7 points
 - Small change in mean IQ, shifts entire population IQ distribution
 - Reduces high achievers IQs (>130) and increases kids with low IQs (<70)
 - Implications for special education services, employment, incarceration, life achievement, etc

Lanphear BP et al., Low-level environmental lead exposure and children's intellectual function: an international pooled analysis. *Environ Health Perspect*, 2005. 113:894-9.

Fewtrell LJ, Pruss-Ustun A, Landrigan P, and Ayuso-Mateos JL, Estimating the global burden of disease of mild mental retardation and cardiovascular diseases from environmental lead exposure. *Environmental Research*, 2004. 94:120-33.

Behavioral Burden

- Increased likelihood of :
 - ADHD behaviors
 - Delinquent behaviors and arrests
 - Total arrests and increased rates of arrests involving violent offenses
 - Other health effects: hematologic, cardiovascular, immunologic, endocrine, etc

Wright, JP, KN Dietrich, MD Ris, et al. 2008. Association of prenatal and childhood blood lead concentrations with criminal arrests in early adulthood. *PLoS Med* 5(5): e101

Chen, A, B Cai, KN Dietrich, et al. 2007. Lead exposure, IQ, and behavior in urban 5-7 year-olds: Does lead affect behavior only by lowering IQ? *Pediatrics* 119(3): e650-e658.

Needleman, HL, C McFarland, RB Ness, et al. 2002. Bone lead levels in adjudicated delinquents: A case control study. *Neurotoxicology and Teratology* 24(6):711-717.

The Cost

- “For childhood lead poisoning, \$5.9 million in medical care costs, as well as an additional \$50.9 billion (sensitivity analysis: \$44.8–\$60.6 billion) in lost economic productivity resulting from reduced cognitive potential from preventable childhood lead exposure.”
- “The present value of Michigan’s economic losses attributable to lead exposure in the 2009 cohort of 5 year-olds ranges from \$3.19 (using U.S. blood lead levels) to \$4.85 billion (using Michigan blood lead levels) per year in loss of future lifetime earnings.”

Leonardo Trasande and Yinghua Liu. Reducing The Staggering Costs Of Environmental Disease In Children, Estimated At \$76.6 Billion In 2008. *Health Affairs*, 30, no.5 (2011):863-870

The Price of Pollution: Cost Estimates of Environment-Related Childhood Diseases in Michigan. 2010 Report by Michigan Network of Children’s Environmental Health

Lead in Water

- Increasing as source of lead, because of success in controlling other sources.
- Increasing due to aging water infrastructures, change in water sources, disinfectant uses, etc
- Disproportionally impacts developmentally-vulnerable formula-fed infants and pregnant mothers
 - For about 25% of infants drinking formula made from tap water at 10 ppb, blood lead would rise above the CDC level of concern of 5 micrograms/deciliter (or ug/dL).
 - Increase in fetal death and reduced birth weights

Triantafyllidou, S., Gallagher, D. and Edwards, M. Assessing risk with increasingly stringent public health goals: the case of water lead and blood lead in children. *Journal of Water and Health*. doi: 10.2166/wh.2013.067 58-68 (2014).

Edwards, M. Fetal Death and Reduced Birth Rates Associated with Exposure to Lead-Contaminated Drinking Water. *Env. Sci. and Tech.* 2013 DOI: 10.1021/es4034952

Preliminary Results

(results removed)

Conclusions from BLL analysis

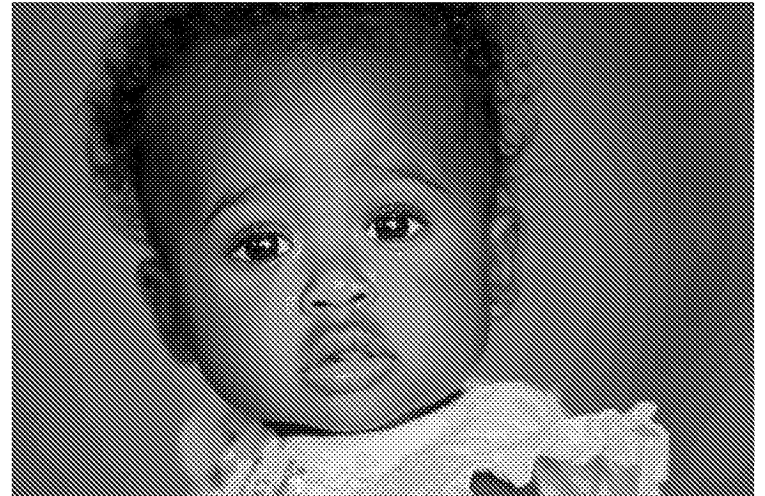
- % of children with EBL in Flint has increased
 - Most striking increase in zip codes with highest water lead levels
- Results underestimate risk: infants not screened for lead and water usage unknown.
 - *Accurate exposure largely unknown since national childhood lead screening focuses on household lead exposure (paint, soil, dust) at later ages (1 and 2 yrs)*
- Results are consistent and concerning. Primary prevention has failed.

Next Steps

- Immediately limit further exposure
 - Encourage breast feeding
 - No tap water for high risk groups: infants on formula & pregnant mothers
 - Declare health advisory: allows WIC to administer water or ready-to-feed formula and other resources (Salvation Army & United Way water supplies)
 - Distribution of lead clearing NSF-approved filters
 - Public education regarding precautions (flushing, etc)
 - Re-connect to Lake Huron water source ASAP

And Makayla...

- Asymptomatic now
- But what will her future hold and an entire generation of Flint children?



From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 5:57 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies

Follow Up Flag: Flag for follow up
Flag Status: Flagged

I just caught this...the photo and the scenario in the ppt are HYPOTHETICAL. I have staff following up with the Genesee County EM.

Chris

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 5:43 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Importance: High

Attached are two documents for your information: 1) A letter from US Representative Kildee to Craig Fugate of FEMA, HHS, EPA, and CDC and 2) a PowerPoint on Flint water concerns. Essentially, Representative Kildee is requesting FEMA take action to resolve potable water quality issues associated with the Flint water system.

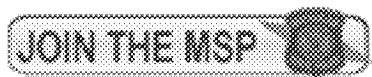
This is the first we heard of the letter and I actually found out from the FEMA Region V Director when he called me about an hour ago. He and I discussed a few things on this and he will respond advising they need to work through the local EM system in MI (engaging the local EM and then EMHSD). They also are working through the local health department as I confirmed with Dr. Scott from DHHS. If Flint needs water or want water the first step is to handle it locally (at least on the EM side and then push up any gaps they cannot fill to us). We are not aware of any work the local EM has done in this regard. I will be with the FEMA Region V Director as well as the FEMA Administrator, Craig Fugate, this week if they have questions.

I have advised Dr. Jackie Scott from DHHS and will be sending her the letter and ppt.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."



From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 8:19 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV); Sands, Thomas (MSP)
Subject: RE: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Attachments: Rep Kildee Response 9-28-15.pdf

Follow Up Flag: Flag for follow up
Flag Status: Flagged

DHHS just advised me there have been discussions with Nick Lyon and the Governor's Office on this issue. DHHS also advised me that DEQ was involved and DHHS would probably be the Public Health Advisor in Flint this week ... not sure exactly what that will mean.

F/Lt Covey spoke to Jen Boyer, the Genesee County EM, and reported the following:

- This is the first she has heard about the Kildee letter.
- She mentioned that a year ago she was aware of a letter that was written to Governor Snyder.
- To her knowledge, the water in Flint is still meeting EPA standards.
- She mentioned that the infrastructure (including residential homes) is old and may be part of the problem, not just because water is from the Flint River.
- She believes the city could connect to the county system if needed.
- The city is supposed to be connecting to a new pipeline from Port Huron in the spring of 2016 which will provide a solution, but the city infrastructure will still require repair.
- She reported The Detroit water system knew Flint would one day connect to this new pipeline, so they raised rates 50%.

Tomorrow Tony Katarsky will speak with our mitigation offices on potential use of 4195 (SE MI disaster) mitigation funds and if they could be used to assist with infrastructure fixes. There is a 25% local match to the federal funds.

Attached is the FEMA response to Rep. Kildee. He may not get it for a couple of days but I told FEMA I wanted a copy and it just came through. Please hold it within the Governor's Office and this group for situational awareness so we do not get ahead of FEMA. FEMA advised him that local or private sector resources would be more expedient and practical.

Chris

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 5:43 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Importance: High

Attached are two documents for your information: 1) A letter from US Representative Kildee to Craig Fugate of FEMA, HHS, EPA, and CDC and 2) a PowerPoint on Flint water concerns. Essentially, Representative Kildee is requesting FEMA take action to resolve potable water quality issues associated with the Flint water system.

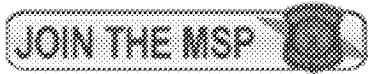
This is the first we heard of the letter and I actually found out from the FEMA Region V Director when he called me about an hour ago. He and I discussed a few things on this and he will respond advising they need to work through the local EM system in MI (engaging the local EM and then EMHSD). They also are working through the local health department as I confirmed with Dr. Scott from DHHS. If Flint needs water or want water the first step is to handle it locally (at least on the EM side and then push up any gaps they cannot fill to us). We are not aware of any work the local EM has done in this regard. I will be with the FEMA Region V Director as well as the FEMA Administrator, Craig Fugate, this week if they have questions.

I have advised Dr. Jackie Scott from DHHS and will be sending her the letter and ppt.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

“A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY.”





FEMA

September 28, 2015

The Honorable Dan Kildee
United States House of Representatives
227 Cannon House Office Building
Washington, D.C. 20515

Dear Representative Kildee:

This is in response to your letter of September 22, 2015, to Federal Emergency Management Agency (FEMA) Administrator Craig Fugate, as well as the U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and the Environmental Protection Agency. You requested federal assistance to provide safe drinking water to residents of the City of Flint, Michigan, until additional testing confirms that the water is safe. Administrator Fugate requested that I respond to you because Michigan is within FEMA Region V.

As you may be aware, the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, authorizes FEMA to provide federal assistance to a state after the governor requests that the president issue a disaster declaration and the president approves the request because it has been determined that the severity and magnitude of the incident exceeds local, tribal and state capabilities. If providing safe water to its residents is beyond the city's capability, the city, through Genesee County Emergency Management, should contact the Michigan State Police Division of Emergency Management and Homeland Security. However, in this situation, it may be more expedient and practical to pursue water sources from other local or private sector entities.

If you have questions or would like additional information, please contact me or have a member of your staff contact my Congressional Affairs Specialist, Dan Shulman, at (312) 408-4427.

Sincerely,

A handwritten signature in black ink, reading "Andrew Velasquez III".

Andrew Velasquez III
Regional Administrator

cc: Capt. Chris Kelenske
Deputy State Director
Emergency Management and Homeland Security Division
Michigan State Police

From: Wurfel, Sara (GOV)
Sent: Monday, September 28, 2015 10:17 PM
To: Kelenske, Chris (MSP); Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Murray, David (GOV); Sands, Thomas (MSP)
Subject: RE: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies

Many thanks, Chris.

There have been a LOT of conversations and work (and history) on this issue, primarily with both DEQ and DHHS lately, and Treasury previously. Sounds like you definitely got a large part of status update and lay of the land.

Let's touch base tomorrow and can fill you in further. And any insight on any potential use of mitigation funds would be incredibly helpful. We'll make sure to keep MSP EMHSD in loop with other state agencies too moving forward as this issue and infrastructure challenge isn't going away anytime soon.

Thanks again,
SW

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 8:19 PM
To: Etue, Kriste (MSP) <EtueK@michigan.gov>; Gorski, Gary (MSP) <GorskiG@michigan.gov>; Smith, Paul (GOV) <SmithP29@michigan.gov>
Cc: Katarsky, Anthony (MSP) <KatarskyA@michigan.gov>; Leix, Ron (MSP) <LeixR@michigan.gov>; Banner, Shanon (MSP) <BannerS@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Sands, Thomas (MSP) <SandsT@michigan.gov>
Subject: RE: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies

DHHS just advised me there have been discussions with Nick Lyon and the Governor's Office on this issue. DHHS also advised me that DEQ was involved and DHHS would probably be the Public Health Advisor in Flint this week ... not sure exactly what that will mean.

F/Lt Covey spoke to Jen Boyer, the Genesee County EM, and reported the following:

- This is the first she has heard about the Kildee letter.
- She mentioned that a year ago she was aware of a letter that was written to Governor Snyder.
- To her knowledge, the water in Flint is still meeting EPA standards.
- She mentioned that the infrastructure (including residential homes) is old and may be part of the problem, not just because water is from the Flint River.
- She believes the city could connect to the county system if needed.
- The city is supposed to be connecting to a new pipeline from Port Huron in the spring of 2016 which will provide a solution, but the city infrastructure will still require repair.
- She reported The Detroit water system knew Flint would one day connect to this new pipeline, so they raised rates 50%.

Tomorrow Tony Katarsky will speak with our mitigation offices on potential use of 4195 (SE MI disaster) mitigation funds and if they could be used to assist with infrastructure fixes. There is a 25% local match to the federal funds.

Attached is the FEMA response to Rep. Kildee. He may not get it for a couple of days but I told FEMA I wanted a copy and it just came through. Please hold it within the Governor's Office and this group for situational awareness so we do not get ahead of FEMA. FEMA advised him that local or private sector resources would be more expedient and practical.

Chris

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 5:43 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Importance: High

Attached are two documents for your information: 1) A letter from US Representative Kildee to Craig Fugate of FEMA, HHS, EPA, and CDC and 2) a PowerPoint on Flint water concerns. Essentially, Representative Kildee is requesting FEMA take action to resolve potable water quality issues associated with the Flint water system.

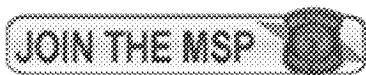
This is the first we heard of the letter and I actually found out from the FEMA Region V Director when he called me about an hour ago. He and I discussed a few things on this and he will respond advising they need to work through the local EM system in MI (engaging the local EM and then EMHSD). They also are working through the local health department as I confirmed with Dr. Scott from DHHS. If Flint needs water or want water the first step is to handle it locally (at least on the EM side and then push up any gaps they cannot fill to us). We are not aware of any work the local EM has done in this regard. I will be with the FEMA Region V Director as well as the FEMA Administrator, Craig Fugate, this week if they have questions.

I have advised Dr. Jackie Scott from DHHS and will be sending her the letter and ppt.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."



From: GOV Newsroom
Sent: Monday, November 02, 2015 9:43 AM
Subject: 11/2 Newsroom
Attachments: 151102 Newsroom.docx

Governor Rick Snyder
REINVENTING MICH
Getting It Right. Getting It Done.

In the News

Monday, November 2, 2015

[NEWS](#) (Click the link to read the full article)

GOVERNOR'S ACTIVITIES

Bill signings

[No roads fix, but more than 70 bills are now Mich. Law](#) (Freep)

The Michigan Legislature may not have been able to get a package of bills passed yet to fix the roads, but in the last four months, they've passed more than 70 bills that were signed into law by Gov. Rick Snyder.

Event preview

[Gov. Snyder to address higher education affordability](#) (WLNS)

Governor Rick Snyder will also be addressing higher education and school affordability at the Center for Michigan's Policy Conference. The event will be Monday at 9:00 a.m. at the Radisson Hotel in Lansing.

LT. GOVERNOR'S ACTIVITIES

[Michigan political odd couple join forces at NYC marathon](#) (Freep)

They are two of the most unlikely political allies in Lansing. One is a state Supreme Court justice nominated by Democrats and one of two remaining progressive voices on the bench. The other is the very conservative lieutenant governor in the state who is widely expected to run for governor in 2018.

[TC Employee Receives Special Visit From Lt. Gov. Brian Calley](#) (9&10 News)

One local man got to work alongside a special guest today. Today Lieutenant Governor Brian Calley stopped by Tom's Food Market in Traverse City to work with employee Kyle Barker for bring your legislator to work day. "Events like this help to spotlight employers who are creating an inclusive work environment for people with disabilities."

[Lt. Governor bags groceries at local store](#) (TV 7&4)

A lieutenant governor spent Friday afternoon working at a northern Michigan grocery store. If you shopped at Tom's Food Market on Fourteenth Street in Traverse City on Friday, there's a chance Lt. Governor Brian Calley may have bagged your groceries.

State law to save Ypsilanti, Willow Run taxpayers \$3.3 million (Mlive)

State Rep. David Rutledge, D-Superior Township, sponsored the legislation, which had near unanimous support in the state Senate and House of Representatives. Lt. Gov. Brian Calley signed the bill into law this week.

No more money: Michigan autism fund runs dry as its architect calls for reconsideration (Mlive)

Lt. Gov. Brian Calley, who has a daughter with autism, signed the legislation during a period where Gov. Rick Snyder was out of the state. He pointed out that the mandate for traditional insurers to cover autism treatment remains intact, even without the fund. "While it is very concerning that the Michigan autism coverage fund could soon run out of reimbursement funds, the requirement for insurance companies to cover autism services will not be impacted," Lt. Gov. Brian Calley said.

Forlini's bill to help families care for the disabled signed into law (Macomb Daily)

The Achieving a Better Life Experience (ABLE) Act was signed into law on Friday by Lt. Gov. Brian Calley in a ceremony in Lansing that included the bill's author, state Rep. Tony Forlini, R-Harrison Township.

Michigan Political Points: Money flows to judges, gov prospects and Courser/Gamrat opponents (Mlive)

GOV WATCH: Michigan's 2018 gubernatorial election is still years away, but campaign finance documents filed with the state this week again hinted at potential runs for three top Republicans: Attorney General Bill Schuette, Lieutenant Gov. Brian Calley and Senate Majority Leader Arlan Meekhof.

DEPARTMENT NEWS

DNR

Increasing growth of Michigan forest products (UP Matters)

The Governor's 2015 Forest Products Summit, held Wednesday in East Lansing, Michigan, brought together 150 representatives from industry, government, the financial sector and academia to continue actions started at the Governor's 2013 Forest Products Summit to encourage growth of wood-using industries in the state. Bill O'Neill, chief of the Michigan Department of Natural Resources Forest Resources Division, says collaboration since the 2013 summit already has helped grow the industry.

DNR seeks outdoor recreation partners and sponsors for 2016 season (UP Matters)

The Michigan Department of Natural Resources currently is seeking support from partners and sponsors for 2016 outdoor recreation events and initiatives. Opportunities include sponsoring statewide event campaigns, creating co-promotional products for distribution, and donating to projects such as the Iron Belle Trail, the Outdoor Adventure Center in Detroit and the upcoming 2019 Centennial Celebration of Michigan State Parks.

LARA

State program to connect work-authorized immigrants to careers (Crain's Detroit Business)

The program is an extension of a program launched in 2013 with San Francisco nonprofit Upwardly Global to retrain immigrants. That program resulted in the placement of 27 immigrants, resulting in an average annual salary increase of \$48,650, said Mike Zimmer, director for the Michigan Department of Licensing and Regulatory Affairs, which oversees the New Americans office.

MDARD

8 skimming suspects face federal charges (WOOD TV)

The eight suspects who authorities say are responsible for incidents of "skimming" at West Michigan gas stations this summer are now being charged in federal court.

Experts urge caution on Great Lakes fish farming (The Detroit News)

The recommendation was among many in five reports submitted by a panel of scientists, economists and other experts appointed to advise regulators considering whether a process known as "net-pen aquaculture" would be suitable for

Great Lakes waters within Michigan's boundaries. The state departments of Environmental Quality, Natural Resources and Agriculture and Rural Development requested the study and recently posted the reports online.

MDE

[Look up college-going rates for 2014 grads for your Michigan high school](#) (Mlive)

About 62 percent of Michigan public school students in the Class of 2014 went to college within six months of graduating high school, based on data collected by the Michigan Department of Education. You can use this database to look up the college-going rate for 2014 graduates of any Michigan public high school, including charters.

MDHHS

[Flint families to receive guidelines on lead exposure](#) (AP)

Health officials have established guidelines for families on how they should respond to ongoing problems with the municipal water supply in Flint. The Genesee County Health Department and the Michigan Department of Health and Human Services plan to send letters to parents this week with information regarding lead testing and how to reduce lead exposure after elevated blood lead levels were found in some Flint children.

[Local hospital receives grant for upcoming project](#) (Huron Daily Tribune)

The Harbor Beach Community Hospital is one of 41 entities selected to receive a one-time fund to improve its efficiency and effectiveness in health services. The Health Innovation Grants — administered by the Michigan Department of Health and Human Services — funded 41 projects in Michigan for a total of \$1,163,000 in grants this year. This marked the third year Michigan has awarded the Health Innovation Grants.

[Letters to be sent to Flint parents with information on lead testing](#) (Mlive)

In a joint effort to inform the community about lead exposure, the Genesee County Health Department and Michigan Department of Health and Human Services will be sending letters to parents.

[Laws protect senior citizens from the cold](#) (The Voice News)

This winter, the State Emergency Relief Program is helping thousands of local citizens get out of the cold. The Michigan Department of Health and Human Services runs an annual program for temporary heat and utility assistance that comes on the heels of cooler temperatures and concludes when warm winds begin to blow at the end of May.

MDOT

[MDOT finishes M-20 boulevard work near Mount Pleasant](#) (Midland Daily News)

On Friday, crews completed installing signs and pavement markings along M-20 from Summerton Road to Leaton Road, marking then end of a \$3.8 million safety project, two weeks ahead of schedule. The Michigan Department of Transportation collaborated with the Saginaw Chippewa Indian Tribe to develop plans for this boulevard area. The project is expected to increase safety, address congestion and improve overall roadway operation, MDOT stated.

[Raymond Road gets resurfaced](#) (Battle Creek Enquirer)

The Calhoun County Road Department said the resurfacing of a portion of Raymond Road in Emmett Township is nearing completion. The project was paid for with \$500,000 from the Michigan Department of Transportation given to the road department earlier this year. It's part of the state's Priority Road Investment Program.

[M-231 is now open for traffic](#) (WXMI)

The new seven miles of roadway runs from Crockery Township in the north, over the Grand River, to Robinson Township. It runs from the I-96/M-104 interchange in Crockery to M-45, Lake Michigan Drive on the south end. The Michigan Department of Transportation says the highway will alleviate congestion in other areas of the county and make it faster for first responders to get to emergencies.

MSHDA

[\\$3.7M extra paid in Detroit's blight fight](#) (Detroit Free Press)

A controversial deal between Detroit's land bank and several large contractors designed to speed up demolitions at a set price instead ended up costing the city at least \$3.7 million more than expected, according to records reviewed by the Free Press. MSHDA, which oversees the land bank's demolition work, recently sent a review team to Detroit to analyze certain contract awards.

MSP

[State Police give tips for winter emergency preparedness](#) (Upper Michigan's Source)

With winter weather rapidly approaching, the Michigan State Police, Emergency Management and Homeland Security Division is encouraging Michiganders to make winter emergency preparedness a priority.

LEGISLATIVE NEWS

[No roads fix, but more than 70 bills are now Mich. law](#) (Detroit Free Press)

The Michigan Legislature may not have been able to get a package of bills passed yet to fix the roads, but in the last four months, they've passed more than 70 bills that were signed into law by Gov. Rick Snyder.

['Fiscal time bomb' or welcome relief? Income tax rollback linked to Michigan roads plan](#) (MLive)

The House Republican road funding plan approved last week includes a trigger designed to limit the growth of government spending, but critics say it could blow up the state budget while benefiting the most wealthy.

[How Michigan road-funding fix unraveled in GOP Senate](#) (MLive)

Last Monday night, the two top GOP leaders in the Legislature were at an event, and for the first time in a long time, it looked like a road fix was finally at hand.

[House Speaker says road funding getting in way of other issues](#) (WMUK)

Republican leaders in the state Senate hope to hold a vote this week on a road funding plan. Many lawmakers are becoming more eager to get roads out of the way so they can move onto other major issues.

[Asian Carp inch closer to Lake Michigan, lawmakers urge 'immediate action'](#) (Inquisitr)

Asian carp are inching closer to Lake Michigan at an alarming rate. A recent study, conducted by the Asian Carp Regional Coordinating Committee, revealed the invasive species were found in the Illinois River near the city of Seneca. Wildlife officials said the discovery is concerning — as the fish are 12 miles closer to Lake Michigan than previously thought.

DETROIT

[Ex-Detroit Mayor Dave Bing challenges Mike Duggan explanation of rise in demolition costs](#) (MLive)

Bothered by Mayor Mike Duggan's characterization of the pace of the previous administrations anti-blight efforts, former Mayor Dave Bing this week approached reporters to defend his record.

[Anti-arson campaign credited with keeping fires in Detroit to 52 over 3-day Halloween period](#) (AP)

The number of fires in Detroit over the recently completed three-day Halloween period was among the lowest in years, city officials said.

[Housing deals boost Midtown's revival in Detroit](#) (Freep)

Five years after the launch of an incentive program to encourage people to move into areas in and around Detroit's Midtown, organizers of the effort say it has been a success at bringing a diverse mix of people into the neighborhood — so much that the incentives will likely keep going even after the pilot project comes to an end.

[\\$3.7M extra paid in Detroit's blight fight](#) (Freep)

A controversial deal between Detroit's land bank and several large contractors designed to speed up demolitions at a set price instead ended up costing the city at least \$3.7 million more than expected, according to records reviewed by the Free Press.

Hundreds get sneak peek at rehabbed home (Detroit News)

The line waiting to get inside the Ransom Gillis house in Detroit's Brush Park was blocks long.

"It's crazy," said Ruby McGill as she took her spot near the line's end. "We were expecting a long line, but not this crazy."

OPINION

Detroit schools plan shows lack of faith in democracy (Detroit Free Press)

When did we stop believing in democracy? Not so long ago most Americans would have professed a belief that democracy shielded citizens from the callous excesses of distant power.

Who will take the lead on climate change? (Detroit Free Press)

Nearly everyone gets it about climate change.

Education in Michigan can improve, if it's done right (Detroit Free Press)

Imagine a public education system where many educators lack a clear sense of what skills their students need to learn each academic year, where instruction doesn't build always on instruction of the previous year in a coherent way for students, and even when it does, the standards for teaching and learning often are set terribly low.

Blueprint for fixing Detroit schools (Detroit News)

Times are tough for students in Detroit. For the past six years running, students there have earned the worst test scores of any urban school district in the country. An alarmingly small 7 percent of the district's eighth-graders can read at or above grade level with the rest falling behind. Detroit schools need help.

Tests could lead to EMS savings (Detroit News)

A pilot project underway in Washtenaw and Livingston counties to cut the cost of emergency medical service represents the sort of innovative approach that could significantly trim health care costs for both individuals and communities. The test should be encouraged, and if it works, replicated.

Will: Fix the criminal justice system (Detroit News)

The Republican Party, like Sisyphus, is again putting its shoulder to a boulder, hoping to make modest but significant changes in the Electoral College arithmetic by winning perhaps 12 percent of the African-American vote. To this end, they need to hone a rhetoric of skepticism about, and an agenda for reform of, the criminal justice system. They can draw on the thinking of a federal appellate judge nominated by Ronald Reagan.

Finley: Gov. Snyder—break a leg, or several (Detroit News)

Things should get downright nasty in Lansing this week.

How Michigan road-funding fix unraveled in GOP senate (MLive)

Last Monday night, the two top GOP leaders in the Legislature were at an event, and for the first time in a long time, it looked like a road fix was finally at hand.

McCann: Energy policy should be fair to everyone (Midland Daily News)

Michiganders deserve an energy policy that is fair for everyone. Unfortunately, our current system of partial deregulation treats a small percentage of customers to a sweetheart deal worth \$300 million annually that the rest of us are forced to subsidize. We need a system that ensures every Michigander is responsible for their fair share of costs to support the energy grid we all rely on.

Pardee: Prevailing wage law supports families, service (Lansing State Journal)

Help college students get their money's worth (Bridge)

A college degree is the most important vehicle for economic success in our country. Two-thirds of all U.S. jobs will require a postsecondary education by 2020, up from 28 percent in 1973. And college graduates take home, on average, 60 percent higher annual earnings than their high school graduate counterparts, which adds up to about \$830,000 more income over a lifetime.

#####

In the News

Monday, November 2, 2015

[NEWS](#) (Click the link to read the full article)

GOVERNOR'S ACTIVITIES

Bill signings

No roads fix, but more than 70 bills are now Mich. Law (Freep)

The Michigan Legislature may not have been able to get a package of bills passed yet to fix the roads, but in the last four months, they've passed more than 70 bills that were signed into law by Gov. Rick Snyder.

Event preview

Gov. Snyder to address higher education affordability (WLNS)

Governor Rick Snyder will also be addressing higher education and school affordability at the Center for Michigan's Policy Conference. The event will be Monday at 9:00 a.m. at the Radisson Hotel in Lansing.

LT. GOVERNOR'S ACTIVITIES

Michigan political odd couple join forces at NYC marathon (Freep)

They are two of the most unlikely political allies in Lansing. One is a state Supreme Court justice nominated by Democrats and one of two remaining progressive voices on the bench. The other is the very conservative lieutenant governor in the state who is widely expected to run for governor in 2018.

TC Employee Receives Special Visit From Lt. Gov. Brian Calley (9&10 News)

One local man got to work alongside a special guest today. Today Lieutenant Governor Brian Calley stopped by Tom's Food Market in Traverse City to work with employee Kyle Barker for bring your legislator to work day. "Events like this help to spotlight employers who are creating an inclusive work environment for people with disabilities."

Lt. Governor bags groceries at local store (TV 7&4)

A lieutenant governor spent Friday afternoon working at a northern Michigan grocery store. If you shopped at Tom's Food Market on Fourteenth Street in Traverse City on Friday, there's a chance Lt. Governor Brian Calley may have bagged your groceries.

State law to save Ypsilanti, Willow Run taxpayers \$3.3 million (Mlive)

State Rep. David Rutledge, D-Superior Township, sponsored the legislation, which had near unanimous support in the state Senate and House of Representatives. Lt. Gov. Brian Calley signed the bill into law this week.

No more money: Michigan autism fund runs dry as its architect calls for reconsideration (Mlive)

Lt. Gov. Brian Calley, who has a daughter with autism, signed the legislation during a period where Gov. Rick Snyder was out of the state. He pointed out that the mandate for traditional insurers to cover autism treatment remains intact, even without the fund. "While it is very concerning that the Michigan autism coverage fund could soon run out of reimbursement funds, the requirement for insurance companies to cover autism services will not be impacted," Lt. Gov. Brian Calley said.

Forlini's bill to help families care for the disabled signed into law (Macomb Daily)

The Achieving a Better Life Experience (ABLE) Act was signed into law on Friday by Lt. Gov. Brian Calley in a ceremony in Lansing that included the bill's author, state Rep. Tony Forlini, R-Harrison Township.

Michigan Political Points: Money flows to judges, gov prospects and Courser/Gamrat opponents (Mlive)

GOV WATCH: Michigan's 2018 gubernatorial election is still years away, but campaign finance documents filed with the state this week again hinted at potential runs for three top Republicans,: Attorney General Bill Schuette, Lieutenant Gov. Brian Calley and Senate Majority Leader Arlan Meekhof.

DEPARTMENT NEWS

DNR

Increasing growth of Michigan forest products (UP Matters)

The Governor's 2015 Forest Products Summit, held Wednesday in East Lansing, Michigan, brought together 150 representatives from industry, government, the financial sector and academia to continue actions started at the Governor's 2013 Forest Products Summit to encourage growth of wood-using industries in the state. Bill O'Neill, chief of the Michigan Department of Natural Resources Forest Resources Division, says collaboration since the 2013 summit already has helped grow the industry.

DNR seeks outdoor recreation partners and sponsors for 2016 season (UP Matters)

The Michigan Department of Natural Resources currently is seeking support from partners and sponsors for 2016 outdoor recreation events and initiatives. Opportunities include sponsoring statewide event campaigns, creating co-promotional products for distribution, and donating to projects such as the Iron Belle Trail, the Outdoor Adventure Center in Detroit and the upcoming 2019 Centennial Celebration of Michigan State Parks.

LARA

State program to connect work-authorized immigrants to careers (Crain's Detroit Business)

The program is an extension of a program launched in 2013 with San Francisco nonprofit Upwardly Global to retrain immigrants. That program resulted in the placement of 27 immigrants, resulting in an average annual salary increase of \$48,650, said Mike Zimmer, director for the Michigan Department of Licensing and Regulatory Affairs, which oversees the New Americans office.

MDARD

8 skimming suspects face federal charges (WOOD TV)

The eight suspects who authorities say are responsible for incidents of "skimming" at West Michigan gas stations this summer are now being charged in federal court.

Experts urge caution on Great Lakes fish farming (The Detroit News)

The recommendation was among many in five reports submitted by a panel of scientists, economists and other experts appointed to advise regulators considering whether a process known as “net-pen aquaculture” would be suitable for Great Lakes waters within Michigan’s boundaries. The state departments of Environmental Quality, Natural Resources and Agriculture and Rural Development requested the study and recently posted the reports online.

MDE

Look up college-going rates for 2014 grads for your Michigan high school (Mlive)

About 62 percent of Michigan public school students in the Class of 2014 went to college within six months of graduating high school, based on data collected by the Michigan Department of Education. You can use this database to look up the college-going rate for 2014 graduates of any Michigan public high school, including charters.

MDHHS

Flint families to receive guidelines on lead exposure (AP)

Health officials have established guidelines for families on how they should respond to ongoing problems with the municipal water supply in Flint. The Genesee County Health Department and the Michigan Department of Health and Human Services plan to send letters to parents this week with information regarding lead testing and how to reduce lead exposure after elevated blood lead levels were found in some Flint children.

Local hospital receives grant for upcoming project (Huron Daily Tribune)

The Harbor Beach Community Hospital is one of 41 entities selected to receive a one-time fund to improve its efficiency and effectiveness in health services. The Health Innovation Grants — administered by the Michigan Department of Health and Human Services — funded 41 projects in Michigan for a total of \$1,163,000 in grants this year. This marked the third year Michigan has awarded the Health Innovation Grants.

Letters to be sent to Flint parents with information on lead testing (Mlive)

In a joint effort to inform the community about lead exposure, the Genesee County Health Department and Michigan Department of Health and Human Services will be sending letters to parents.

Laws protect senior citizens from the cold (The Voice News)

This winter, the State Emergency Relief Program is helping thousands of local citizens get out of the cold. The Michigan Department of Health and Human Services runs an annual program for temporary heat and utility assistance that comes on the heels of cooler temperatures and concludes when warm winds begin to blow at the end of May.

MDOT

MDOT finishes M-20 boulevard work near Mount Pleasant (Midland Daily News)

On Friday, crews completed installing signs and pavement markings along M-20 from Summerton Road to Leaton Road, marking then end of a \$3.8 million safety project, two weeks ahead of schedule. The Michigan Department of Transportation collaborated with the Saginaw Chippewa Indian Tribe to develop plans for this boulevard area. The project is expected to increase safety, address congestion and improve overall roadway operation, MDOT stated.

Raymond Road gets resurfaced (Battle Creek Enquirer)

The Calhoun County Road Department said the resurfacing of a portion of Raymond Road in Emmett Township is nearing completion. The project was paid for with \$500,000 from the Michigan Department of Transportation given to the road department earlier this year, It's is part of the state's Priority Road Investment Program.

M-231 is now open for traffic (WXMI)

The new seven miles of roadway runs from Crockery Township in the north, over the Grand River, to Robinson Township. It runs from the I-96/M-104 interchange in Crockery to M-45, Lake Michigan Drive on the south end. The Michigan Department of Transportation says the highway will alleviate congestion in other areas of the county and make it faster for first responders to get to emergencies.

MSHDA

\$3.7M extra paid in Detroit's blight fight (Detroit Free Press)

A controversial deal between Detroit's land bank and several large contractors designed to speed up demolitions at a set price instead ended up costing the city at least \$3.7 million more than expected, according to records reviewed by the Free Press. MSHDA, which oversees the land bank's demolition work, recently sent a review team to Detroit to analyze certain contract awards.

MSP

State Police give tips for winter emergency preparedness (Upper Michigan's Source)

With winter weather rapidly approaching, the Michigan State Police, Emergency Management and Homeland Security Division is encouraging Michiganders to make winter emergency preparedness a priority.

LEGISLATIVE NEWS

No roads fix, but more than 70 bills are now Mich. law (Detroit Free Press)

The Michigan Legislature may not have been able to get a package of bills passed yet to fix the roads, but in the last four months, they've passed more than 70 bills that were signed into law by Gov. Rick Snyder.

'Fiscal time bomb' or welcome relief? Income tax rollback linked to Michigan roads plan (MLive)

The House Republican road funding plan approved last week includes a trigger designed to limit the growth of government spending, but critics say it could blow up the state budget while benefiting the most wealthy.

How Michigan road-funding fix unraveled in GOP Senate (MLive)

Last Monday night, the two top GOP leaders in the Legislature were at an event, and for the first time in a long time, it looked like a road fix was finally at hand.

House Speaker says road funding getting in way of other issues (WMUK)

Republican leaders in the state Senate hope to hold a vote this week on a road funding plan. Many lawmakers are becoming more eager to get roads out of the way so they can move onto other major issues.

Asian Carp inch closer to Lake Michigan, lawmakers urge 'immediate action' (Inquisitr)

Asian carp are inching closer to Lake Michigan at an alarming rate. A recent study, conducted by the

Asian Carp Regional Coordinating Committee, revealed the invasive species were found in the Illinois River near the city of Seneca. Wildlife officials said the discovery is concerning — as the fish are 12 miles closer to Lake Michigan than previously thought.

DETROIT

Ex-Detroit Mayor Dave Bing challenges Mike Duggan explanation of rise in demolition costs (MLive)

Bothered by Mayor Mike Duggan's characterization of the pace of the previous administrations anti-blight efforts, former Mayor Dave Bing this week approached reporters to defend his record.

Anti-arson campaign credited with keeping fires in Detroit to 52 over 3-day Halloween period (AP)

The number of fires in Detroit over the recently completed three-day Halloween period was among the lowest in years, city officials said.

Housing deals boost Midtown's revival in Detroit (Freep)

Five years after the launch of an incentive program to encourage people to move into areas in and around Detroit's Midtown, organizers of the effort say it has been a success at bringing a diverse mix of people into the neighborhood — so much that the incentives will likely keep going even after the pilot project comes to an end.

\$3.7M extra paid in Detroit's blight fight (Freep)

A controversial deal between Detroit's land bank and several large contractors designed to speed up demolitions at a set price instead ended up costing the city at least \$3.7 million more than expected, according to records reviewed by the Free Press.

Hundreds get sneak peek at rehabbed home (Detroit News)

The line waiting to get inside the Ransom Gillis house in Detroit's Brush Park was blocks long. "It's crazy," said Ruby McGill as she took her spot near the line's end. "We were expecting a long line, but not this crazy."

OPINION

Detroit schools plan shows lack of faith in democracy (Detroit Free Press)

When did we stop believing in democracy? Not so long ago most Americans would have professed a belief that democracy shielded citizens from the callous excesses of distant power.

Who will take the lead on climate change? (Detroit Free Press)

Nearly everyone gets it about climate change.

Education in Michigan can improve, if it's done right (Detroit Free Press)

Imagine a public education system where many educators lack a clear sense of what skills their students need to learn each academic year, where instruction doesn't build always on instruction of the previous year in a coherent way for students, and even when it does, the standards for teaching and learning often are set terribly low.

Blueprint for fixing Detroit schools (Detroit News)

Times are tough for students in Detroit. For the past six years running, students there have earned the worst test scores of any urban school district in the country. An alarmingly small 7 percent of the

district's eighth-graders can read at or above grade level with the rest falling behind. Detroit schools need help.

Tests could lead to EMS savings (Detroit News)

A pilot project underway in Washtenaw and Livingston counties to cut the cost of emergency medical service represents the sort of innovative approach that could significantly trim health care costs for both individuals and communities. The test should be encouraged, and if it works, replicated.

Will: Fix the criminal justice system (Detroit News)

The Republican Party, like Sisyphus, is again putting its shoulder to a boulder, hoping to make modest but significant changes in the Electoral College arithmetic by winning perhaps 12 percent of the African-American vote. To this end, they need to hone a rhetoric of skepticism about, and an agenda for reform of, the criminal justice system. They can draw on the thinking of a federal appellate judge nominated by Ronald Reagan.

Finley: Gov. Snyder—break a leg, or several (Detroit News)

Things should get downright nasty in Lansing this week.

How Michigan road-funding fix unraveled in GOP senate (MLive)

Last Monday night, the two top GOP leaders in the Legislature were at an event, and for the first time in a long time, it looked like a road fix was finally at hand.

McCann: Energy policy should be fair to everyone (Midland Daily News)

Michiganders deserve an energy policy that is fair for everyone. Unfortunately, our current system of partial deregulation treats a small percentage of customers to a sweetheart deal worth \$300 million annually that the rest of us are forced to subsidize. We need a system that ensures every Michigander is responsible for their fair share of costs to support the energy grid we all rely on.

Pardee: Prevailing wage law supports families, service (Lansing State Journal)

Help college students get their money's worth (Bridge)

A college degree is the most important vehicle for economic success in our country. Two-thirds of all U.S. jobs will require a postsecondary education by 2020, up from 28 percent in 1973. And college graduates take home, on average, 60 percent higher annual earnings than their high school graduate counterparts, which adds up to about \$830,000 more income over a lifetime.

#####

From: GOV Newsroom
Sent: Wednesday, November 04, 2015 10:36 AM
Subject: 11/4 Newsroom
Attachments: 151104 Newsroom.docx

Governor Rick Snyder
REINVENTING MICHIGAN
Getting It Right. Getting It Done.

In the News

Wednesday, November 4, 2015
[NEWS \(Click the link to read the full article\)](#)

GOVERNOR'S ACTIVITIES

Roads

[Gov. Snyder says he will sign 'outstanding' plan that fixes Michigan's deteriorating roads \(AP\)](#)

Gov. Rick Snyder is applauding a road-funding plan passed by the Legislature that he calls comprehensive, fiscally responsible and "outstanding."

[Gov. Rick Snyder Praises New Roads Plan Live On WWJ \(WWJ\)](#)

A jubilant Rick Snyder spoke live on WWJ Newsradio Wednesday morning after the Michigan Legislature finally approved a plan to boost road spending late Tuesday and fix Michigan's long-lamented and crumbling roads.

[Road funding bills pass Michigan House, Senate finally \(Freep\)](#)

Michigan motorists would typically pay about \$20 more for their vehicle registration fees and spend about \$1.17 more for a 15-gallon fill-up under fee and tax increases passed by the Michigan Senate and House of Representatives Tuesday, as part of a \$1.2-billion road-funding plan. Gov. Rick Snyder is expected to sign the bills into law.

[Everything we know about the Michigan roads plan \(Freep\)](#)

Michigan motorists would typically pay about \$20 more for their vehicle registration fees and spend about \$1.17 more for a 15-gallon fill-up under fee and tax increases passed Tuesday by the Michigan Senate and House of Representatives, as part of a \$1.2-billion road-funding plan.

[Snyder says he's ready to sign \\$1.2B road fund package \(Detroit News\)](#)

Barring any issues that come up during a technical review, Gov. Rick Snyder said Wednesday he intends to sign the new \$1.2 billion road funding package put forth by the Legislature.

[Deal: \\$1.2B road funding plan heads to Michigan Gov. Snyder's desk after legislative approval \(Mlive\)](#)

Four years after Gov. Rick Snyder first called for a major funding bump to combat crumbling roads, Michigan's Republican-led Legislature has sent a long-term plan to his desk. The state House and Senate on Tuesday approved a seven-bill package designed to pump an additional \$1.2 billion a year into crumbling infrastructure by 2021 through a combination of higher taxes and spending re-prioritization.

Gov. Rick Snyder says he will sign roads deal (WDIV)

Michigan lawmakers have approved a new plan to boost road spending that includes a 20 percent hike in vehicle registration fees and a 7.3-cent gasoline tax increase. The Republican-controlled chamber voted 20-18 Tuesday for key pieces of the legislation. The House narrowly approved the gas tax and vehicle registration hikes from the Senate plan late Tuesday evening.

Governor Snyder says he's ready to sign road plan with gas, fee hikes (WLNS)

During a news conference Tuesday night, Governor Rick Snyder said he's ready to sign the road funding plan. Governor Snyder said, it takes some time to go through the bills, but "I'm ready."

Michigan House passes package of road funding bills; Will head to Gov. Snyder next (WXYZ)

The Michigan Legislature has narrowly approved a plan to boost road spending, which includes a 20 percent hike in vehicle registration fees and a 7.3-cent gasoline tax increase.

\$1.2B road funding plan heads to Gov. Snyder for approval (Fox 17)

Nearly 1,500 days ago, Gov. Rick Snyder called on state lawmakers to come up with a plan to invest in roads. Tuesday, lawmakers in both the House and Senate finally agreed on a plan to raise the necessary \$1.2 billion needed to fund road fixes, sending it to Snyder for final approval.

UPDATE: Snyder makes statement about road funding bills (ABC 10)

Governor Rick Snyder has released a statement in support of the road funding plan passed by the Michigan Legislature Tuesday night.

Governor Snyder Set To Sign Road Funding Plan (WILX)

After years of debate at the state capitol, a road funding plan is finally headed to Governor Snyder's desk.

Roads plan sent to Governor Snyder for signature (Michigan Radio)

After years of gridlock, state lawmakers have sent Governor Rick Snyder legislation to boost road funding. The legislation would increase the state's gas tax by seven cents a gallon and boost vehicle registration fees by twenty percent starting in 2017. It raises taxes by 600 million dollars starting in 2017. It also eventually shifts 600 million dollars from other areas of the state budget.

Interview: Gov. Snyder talks roads with Paul W. Smith (WJR)

Michigan Governor Rick Snyder talks to Paul W. Smith about the plan to fix Michigan roads without jeopardizing other priorities. Governor Snyder says road work will get underway immediately because there is already money set aside to start the repairs.

Bill signings

Gov. Rick Snyder signs law to get the word out when a suspect kills or injures an officer (AP)

Michigan State Police will be required to notify the public about a search for suspects who have injured or killed a police officer. Gov. Rick Snyder signed a law Tuesday that calls for a "blue alert" to be issued to radio and TV stations if a dangerous suspect is on the run.

Gov. Rick Snyder signs law to help dozens of state police retirees getting less than \$16,000 (AP)

Gov. Rick Snyder has signed a law to ensure that certain Michigan State Police retirees get at least \$16,000 a year. The bill affects about 100 people, or their beneficiaries, who retired from the state police before October 1986 and collect less than \$16,000.

Snyder Signs Bill Raising Pensions for Some State Troopers (WILX)

Gov. Rick Snyder has signed a law to ensure that certain Michigan State Police retirees get at least \$16,000 a year. The bill affects about 100 people, or their beneficiaries, who retired from the state police before October 1986 and collect less than \$16,000.

Gov. Rick Snyder signs bill creating state Blue Alert (Holland Sentinel)

Gov. Rick Snyder recently signed legislation to create a program to track at-large suspects who have injured or killed a police officer. Senate Bill 336 creates the Michigan Blue Alert Act, requiring the Michigan State Police to establish and maintain a notification system to rapidly disseminate information about the name, physical description and vehicle type of a suspect believed to have harmed or killed a law enforcement officer and who is a threat to public safety.

Gov. Snyder signs Blue Alert bill (UP Matters)

A federal program designed to track at large suspects who have injured or killed a police officer will be created in Michigan, under bipartisan legislation signed today by Gov. Rick Snyder.

DEPARTMENT NEWS

DEQ

Mich. plan to cut algae relies on past measures (The Detroit News)

Michigan has rolled out its plan for cutting the amount of phosphorus that reaches Lake Erie and helps generate harmful algal blooms. That plan will require little new action for the state to meet its goals. "We've made a tremendous reduction in phosphorus with DWSD," said Bill Creal, chief of the water resources division at Michigan's Department of Environmental Quality. "That is the biggest point source of phosphorus contamination for Lake Erie."

U.S. EPA will conduct 'full review' of Flint water crisis (Mlive)

Flint's water crisis is getting a review by the U.S. Environmental Protection Agency, and the results are expected to be known by the end of this week. Kildee also requested that the agency answer questions, including whether the EPA was aware that the Michigan Department of Environmental Quality was enforcing the wrong guidelines for water quality in Flint and whether the EPA notified MDEQ that the city should have treated water from the Flint River to make it less corrosive.

DNR

Shotgun blank blasts considered to scare Canada geese from Saginaw pond (Mlive)

Saginaw officials are working with police to push a group of Canada geese landing on what must look like an inviting body of water on their way south for the winter. Saginaw Water Treatment Plant officials are considering working with the Saginaw Police Department to employ shotguns loaded with blanks to scare away the Canada geese that have congregated on the pond outside the plant at 522 Ezra Rust. There was no time set, and some other options were still under review as of Nov. 3 as officials work with the Department of Natural Resources to decide what to do, Mason said.

MDOT

Hands-on learning promotes careers in civil engineering (Hillsdale Daily News)

A group of 10 science teachers from five of the county schools spent the day Monday outside of the classroom learning lessons in civil engineering and transportation. The program, held at the Hillsdale Intermediate School District administrative offices, was part of the Michigan Department of Transportation's Civil Engineering (TRAC) Program. The program, started in 2004, gives teachers hand-on tools that are designed to enhance math, science and civics curriculum.

MSHDA

Report: Water Street site too contaminated to build \$12M affordable housing (Mlive)

A new investigation by the Michigan State Housing Development Authority found that high levels of contamination, including PCBs and metals like lead and arsenic, appear to remain on Ypsilanti's Water Street property.

MSP

[Michigan State Police to participate in a multi-state initiative aimed at reducing commercial vehicle accidents](#) (MI News 26)

MSP motor carrier officers and troopers are participating in a two-day coordinated enforcement operation focusing on commercial vehicle crash reduction, along with law enforcement officers from the states of Ohio and Indiana on November 3rd through November 4th.

[Michigan State Police working with out-of-state officers to protect drivers](#) (Up North Live)

Michigan State Police are teaming up with law enforcement from out of state this week to protect drivers. State Police are working with officers from Indiana and Ohio for a commercial vehicle enforcement operation that will include the I-75 corridor in Michigan and Ohio, along with the I-70 corridor in Ohio and Indiana.

['Blue alert' will notify Michigan residents about attacks on police](#) (AP)

Michigan State Police will be required to notify the public about a search for suspects who have injured or killed a police officer.

[State police retirees from decades ago to get financial help](#) (AP)

Gov. Rick Snyder has signed a law to ensure that certain Michigan State Police retirees get at least \$16,000 a year. The bill affects about 100 people, or their beneficiaries, who retired from the state police before October 1986 and collect less than \$16,000.

LEGISLATIVE NEWS

[Former Reps. Courser, Gamrat defeated in comeback tries](#) (Detroit Free Press)

Two former Republican state representatives who lost their seats in September amid a sex and cover-up scandal were soundly defeated Tuesday in their special primary bids to regain their seats.

[Michigan joins other Great Lakes states in considering microbead products ban](#) (MLive)

Michigan lawmakers are taking another stab at banning the sale of products that contain tiny plastic particles which environmental groups and university researchers say are polluting the Great Lakes.

DETROIT

[Detroit teachers protest school district reorganization plan](#) (Michigan Radio)

Several hundred demonstrators chanted "enough is enough" at a state Capitol rally opposing Governor Rick Snyder's proposed reorganization of the Detroit Public Schools.

[Ex-DPS official 'steered' \\$40M deal, feds say](#) (The Detroit News)

A former Detroit Public Schools administrator worked to "fraudulently steer" a \$40 million contract from the district to a textbook publisher where she once worked, an FBI agent alleged in a federal court filing.

[Detroit casino workers support strike option](#) (The Detroit News)

More than 1,300 union employees from Detroit's three casinos voted Monday night to go on strike if their wage, health care and benefit demands aren't met.

[New Detroit arena will have \\$95 million in 'fan enhancements'](#) (WDIV)

Gondola seating, a video wall and on-site practice ice are part of \$95 million in "fan enhancements" for the new Detroit arena that were announced Wednesday by Olympia Entertainment.

OPINION

[Fixing our roads, at the expense of everything else](#) (Detroit Free Press)

Irresponsible, reckless, shortsighted, ill-advised, wrongheaded ... we're running out of adjectives to describe Lansing's latest plan to fix our terrible roads.

Lawmakers fail LGBT in Mich., who deserve civil rights (Detroit Free Press)

It's a conundrum: Same-sex couples can now get married in Michigan, but only at the risk that prospective employers or landlords will punish them for exercising that hard-won right — or even for acknowledging an attraction to others of the same sex.

Michigan road funding bill: How we got to a bad deal (Detroit Free Press)

"When we elect politicians who hate the government we end up with a government that we hate."

Michigan continues its dark money streak (Detroit Free Press)

Well, Michigan, we did it again. A new report from the Brennan Center, Justice at Stake and the National Institute for Money in State Politics reveals that the 2014 Michigan Supreme Court election campaign was the most expensive and least transparent in the nation. This is the third election cycle in a row that we've had that distinction and that's a hat-trick that shouldn't be a point of pride.

Ken Braun: Michigan needs a taxpayer bill of rights (MLive)

Michigan should have Colorado's problems.

Old Michigan Senate rivals do a little R&D on campaign 2018 (MLive)

Here's a new twist on the old "he said, she said" story. It will leave you scratching your collective heads.

Our Editorial: Cybersecurity bill threatens privacy (Detroit News)

The U.S. Senate voted last week to further enable the government's efforts to collect the personal data of its citizens.

Editor's note: New business openings surge in Detroit (Detroit News)

For most of my years in Detroit, every day the city became something less. Another restaurant closed, another business shuttered.

Berman: UAW is neglecting workers (Detroit News)

The United Auto Workers (UAW) has been negotiating new labor contracts with the Detroit Big Three since July. In that time, much has been made of what's on the table: a \$17 starting hourly wage for entry-level workers, \$3,000 signing bonuses, and a revamped benefits structure.

Michigan brings transparency to civil forfeiture (Detroit News)

Here's a \$270 million question: When will Michigan stop seizing private property from individuals who have done nothing wrong? With Gov. Rick Snyder's signature on a package of bills, the answer may be "soon."

How to begin to stop the decline of Detroit's schools (Detroit Free Press)

The bleak news announced last week about student performance in Detroit Public Schools has become an all-too-familiar and numbing element of the season, and something that Detroiters dread.

#####

In the News

Wednesday, November 4, 2015

[NEWS](#) (Click the link to read the full article)

GOVERNOR'S ACTIVITIES

Roads

Gov. Snyder says he will sign 'outstanding' plan that fixes Michigan's deteriorating roads (AP)

Gov. Rick Snyder is applauding a road-funding plan passed by the Legislature that he calls comprehensive, fiscally responsible and "outstanding."

Gov. Rick Snyder Praises New Roads Plan Live On WWJ (WWJ)

A jubilant Rick Snyder spoke live on WWJ Newsradio Wednesday morning after the Michigan Legislature finally approved a plan to boost road spending late Tuesday and fix Michigan's long-lamented and crumbling roads.

Road funding bills pass Michigan House, Senate finally (Freep)

Michigan motorists would typically pay about \$20 more for their vehicle registration fees and spend about \$1.17 more for a 15-gallon fill-up under fee and tax increases passed by the Michigan Senate and House of Representatives Tuesday, as part of a \$1.2-billion road-funding plan. Gov. Rick Snyder is expected to sign the bills into law.

Everything we know about the Michigan roads plan (Freep)

Michigan motorists would typically pay about \$20 more for their vehicle registration fees and spend about \$1.17 more for a 15-gallon fill-up under fee and tax increases passed Tuesday by the Michigan Senate and House of Representatives, as part of a \$1.2-billion road-funding plan.

Snyder says he's ready to sign \$1.2B road fund package (Detroit News)

Barring any issues that come up during a technical review, Gov. Rick Snyder said Wednesday he intends to sign the new \$1.2 billion road funding package put forth by the Legislature.

Deal: \$1.2B road funding plan heads to Michigan Gov. Snyder's desk after legislative approval (Mlive)

Four years after Gov. Rick Snyder first called for a major funding bump to combat crumbling roads, Michigan's Republican-led Legislature has sent a long-term plan to his desk. The state House and Senate on Tuesday approved a seven-bill package designed to pump an additional \$1.2 billion a year into crumbling infrastructure by 2021 through a combination of higher taxes and spending re-prioritization.

Gov. Rick Snyder says he will sign roads deal (WDIV)

Michigan lawmakers have approved a new plan to boost road spending that includes a 20 percent hike in vehicle registration fees and a 7.3-cent gasoline tax increase. The Republican-controlled chamber

voted 20-18 Tuesday for key pieces of the legislation. The House narrowly approved the gas tax and vehicle registration hikes from the Senate plan late Tuesday evening.

Governor Snyder says he's ready to sign road plan with gas, fee hikes (WLNS)

During a news conference Tuesday night, Governor Rick Snyder said he's ready to sign the road funding plan. Governor Snyder said, it takes some time to go through the bills, but "I'm ready."

Michigan House passes package of road funding bills; Will head to Gov. Snyder next (WXYZ)

The Michigan Legislature has narrowly approved a plan to boost road spending, which includes a 20 percent hike in vehicle registration fees and a 7.3-cent gasoline tax increase.

\$1.2B road funding plan heads to Gov. Snyder for approval (Fox 17)

Nearly 1,500 days ago, Gov. Rick Snyder called on state lawmakers to come up with a plan to invest in roads. Tuesday, lawmakers in both the House and Senate finally agreed on a plan to raise the necessary \$1.2 billion needed to fund road fixes, sending it to Snyder for final approval.

UPDATE: Snyder makes statement about road funding bills (ABC 10)

Governor Rick Snyder has released a statement in support of the road funding plan passed by the Michigan Legislature Tuesday night.

Governor Snyder Set To Sign Road Funding Plan (WILX)

After years of debate at the state capitol, a road funding plan is finally headed to Governor Snyder's desk.

Roads plan sent to Governor Snyder for signature (Michigan Radio)

After years of gridlock, state lawmakers have sent Governor Rick Snyder legislation to boost road funding. The legislation would increase the state's gas tax by seven cents a gallon and boost vehicle registration fees by twenty percent starting in 2017. It raises taxes by 600 million dollars starting in 2017. It also eventually shifts 600 million dollars from other areas of the state budget.

Interview: Gov. Snyder talks roads with Paul W. Smith (WJR)

Michigan Governor Rick Snyder talks to Paul W. Smith about the plan to fix Michigan roads without jeopardizing other priorities. Governor Snyder says road work will get underway immediately because there is already money set aside to start the repairs.

Bill signings

Gov. Rick Snyder signs law to get the word out when a suspect kills or injures an officer (AP)

Michigan State Police will be required to notify the public about a search for suspects who have injured or killed a police officer. Gov. Rick Snyder signed a law Tuesday that calls for a "blue alert" to be issued to radio and TV stations if a dangerous suspect is on the run.

Gov. Rick Snyder signs law to help dozens of state police retirees getting less than \$16,000 (AP)

Gov. Rick Snyder has signed a law to ensure that certain Michigan State Police retirees get at least \$16,000 a year. The bill affects about 100 people, or their beneficiaries, who retired from the state police before October 1986 and collect less than \$16,000.

Snyder Signs Bill Raising Pensions for Some State Troopers (WILX)

Gov. Rick Snyder has signed a law to ensure that certain Michigan State Police retirees get at least \$16,000 a year. The bill affects about 100 people, or their beneficiaries, who retired from the state police before October 1986 and collect less than \$16,000.

Gov. Rick Snyder signs bill creating state Blue Alert (Holland Sentinel)

Gov. Rick Snyder recently signed legislation to create a program to track at-large suspects who have injured or killed a police officer. Senate Bill 336 creates the Michigan Blue Alert Act, requiring the Michigan State Police to establish and maintain a notification system to rapidly disseminate information about the name, physical description and vehicle type of a suspect believed to have harmed or killed a law enforcement officer and who is a threat to public safety.

Gov. Snyder signs Blue Alert bill (UP Matters)

A federal program designed to track at large suspects who have injured or killed a police officer will be created in Michigan, under bipartisan legislation signed today by Gov. Rick Snyder.

DEPARTMENT NEWS

DEQ

Mich. plan to cut algae relies on past measures (The Detroit News)

Michigan has rolled out its plan for cutting the amount of phosphorus that reaches Lake Erie and helps generate harmful algal blooms. That plan will require little new action for the state to meet its goals. "We've made a tremendous reduction in phosphorus with DWSD," said Bill Creal, chief of the water resources division at Michigan's Department of Environmental Quality. "That is the biggest point source of phosphorus contamination for Lake Erie."

U.S. EPA will conduct 'full review' of Flint water crisis (Mlive)

Flint's water crisis is getting a review by the U.S. Environmental Protection Agency, and the results are expected to be known by the end of this week. Kildee also requested that the agency answer questions, including whether the EPA was aware that the Michigan Department of Environmental Quality was enforcing the wrong guidelines for water quality in Flint and whether the EPA notified MDEQ that the city should have treated water from the Flint River to make it less corrosive.

DNR

Shotgun blank blasts considered to scare Canada geese from Saginaw pond (Mlive)

Saginaw officials are working with police to push a group of Canada geese landing on what must look like an inviting body of water on their way south for the winter. Saginaw Water Treatment Plant officials are considering working with the Saginaw Police Department to employ shotguns loaded with blanks to scare away the Canada geese that have congregated on the pond outside the plant at 522 Ezra Rust. There was no time set, and some other options were still under review as of Nov. 3 as officials work with the Department of Natural Resources to decide what to do, Mason said.

MDOT

Hands-on learning promotes careers in civil engineering (Hillsdale Daily News)

A group of 10 science teachers from five of the county schools spent the day Monday outside of the classroom learning lessons in civil engineering and transportation. The program, held at the Hillsdale Intermediate School District administrative offices, was part of the Michigan Department of

Transportation's Civil Engineering (TRAC) Program. The program, started in 2004, gives teachers hand-on tools that are designed to enhance math, science and civics curriculum.

MSHDA

Report: Water Street site too contaminated to build \$12M affordable housing (MLive)

A new investigation by the Michigan State Housing Development Authority found that high levels of contamination, including PCBs and metals like lead and arsenic, appear to remain on Ypsilanti's Water Street property.

MSP

Michigan State Police to participate in a multi-state initiative aimed at reducing commercial vehicle accidents (MI News 26)

MSP motor carrier officers and troopers are participating in a two-day coordinated enforcement operation focusing on commercial vehicle crash reduction, along with law enforcement officers from the states of Ohio and Indiana on November 3rd through November 4th.

Michigan State Police working with out-of-state officers to protect drivers (Up North Live)

Michigan State Police are teaming up with law enforcement from out of state this week to protect drivers. State Police are working with officers from Indiana and Ohio for a commercial vehicle enforcement operation that will include the I-75 corridor in Michigan and Ohio, along with the I-70 corridor in Ohio and Indiana.

'Blue alert' will notify Michigan residents about attacks on police (AP)

Michigan State Police will be required to notify the public about a search for suspects who have injured or killed a police officer.

State police retirees from decades ago to get financial help (AP)

Gov. Rick Snyder has signed a law to ensure that certain Michigan State Police retirees get at least \$16,000 a year. The bill affects about 100 people, or their beneficiaries, who retired from the state police before October 1986 and collect less than \$16,000.

LEGISLATIVE NEWS

Former Reps. Courser, Gamrat defeated in comeback tries (Detroit Free Press)

Two former Republican state representatives who lost their seats in September amid a sex and cover-up scandal were soundly defeated Tuesday in their special primary bids to regain their seats.

Michigan joins other Great Lakes states in considering microbead products ban (MLive)

Michigan lawmakers are taking another stab at banning the sale of products that contain tiny plastic particles which environmental groups and university researchers say are polluting the Great Lakes.

DETROIT

Detroit teachers protest school district reorganization plan (Michigan Radio)

Several hundred demonstrators chanted "enough is enough" at a state Capitol rally opposing Governor Rick Snyder's proposed reorganization of the Detroit Public Schools.

Ex-DPS official 'steered' \$40M deal, feds say (The Detroit News)

A former Detroit Public Schools administrator worked to “fraudulently steer” a \$40 million contract from the district to a textbook publisher where she once worked, an FBI agent alleged in a federal court filing.

Detroit casino workers support strike option (The Detroit News)

More than 1,300 union employees from Detroit’s three casinos voted Monday night to go on strike if their wage, health care and benefit demands aren’t met.

New Detroit arena will have \$95 million in 'fan enhancements' (WDIV)

Gondola seating, a video wall and on-site practice ice are part of \$95 million in "fan enhancements" for the new Detroit arena that were announced Wednesday by Olympia Entertainment.

OPINION

Fixing our roads, at the expense of everything else (Detroit Free Press)

Irresponsible, reckless, shortsighted, ill-advised, wrongheaded ... we're running out of adjectives to describe Lansing's latest plan to fix our terrible roads.

Lawmakers fail LGBT in Mich., who deserve civil rights (Detroit Free Press)

It's a conundrum: Same-sex couples can now get married in Michigan, but only at the risk that prospective employers or landlords will punish them for exercising that hard-won right — or even for acknowledging an attraction to others of the same sex.

Michigan road funding bill: How we got to a bad deal (Detroit Free Press)

“When we elect politicians who hate the government we end up with a government that we hate.”

Michigan continues its dark money streak (Detroit Free Press)

Well, Michigan, we did it again. A new report from the Brennan Center, Justice at Stake and the National Institute for Money in State Politics reveals that the 2014 Michigan Supreme Court election campaign was the most expensive and least transparent in the nation. This is the third election cycle in a row that we’ve had that distinction and that’s a hat-trick that shouldn’t be a point of pride.

Ken Braun: Michigan needs a taxpayer bill of rights (MLive)

Michigan should have Colorado's problems.

Old Michigan Senate rivals do a little R&D on campaign 2018 (MLive)

Here's a new twist on the old "he said, she said" story. It will leave you scratching your collective heads.

Our Editorial: Cybersecurity bill threatens privacy (Detroit News)

The U.S. Senate voted last week to further enable the government’s efforts to collect the personal data of its citizens.

Editor’s note: New business openings surge in Detroit (Detroit News)

For most of my years in Detroit, every day the city became something less. Another restaurant closed, another business shuttered.

Berman: UAW is neglecting workers (Detroit News)

The United Auto Workers (UAW) has been negotiating new labor contracts with the Detroit Big Three since July. In that time, much has been made of what's on the table: a \$17 starting hourly wage for entry-level workers, \$3,000 signing bonuses, and a revamped benefits structure.

Michigan brings transparency to civil forfeiture (Detroit News)

Here's a \$270 million question: When will Michigan stop seizing private property from individuals who have done nothing wrong? With Gov. Rick Snyder's signature on a package of bills, the answer may be "soon."

How to begin to stop the decline of Detroit's schools (Detroit Free Press)

The bleak news announced last week about student performance in Detroit Public Schools has become an all-too-familiar and numbing element of the season, and something that Detroiters dread.

#####

From: GOV Newsroom
Sent: Tuesday, November 17, 2015 10:19 AM
To: GOV Newsroom
Subject: 11/17 Newsroom

Governor Rick Snyder
REINVENTING MICH
Getting It Right. Getting It Done.

In the News

Tuesday, November 17, 2015
[NEWS \(Click the link to read the full article\)](#)

GOVERNOR'S ACTIVITIES

Syrian refugees

[Snyder change on Syrian refugees leads more opposition \(Freep\)](#)

Gov. Rick Snyder's announcement Sunday that he would back off — at least temporarily — from an effort to relocate Syrian refugees in Michigan set off a wave of even stronger opposition by governors across the U.S. on Monday, with several saying they would reject outright any attempts to resettle Syrians in their states.

[Snyder suspends Syrian refugee effort in Michigan \(Freep\)](#)

Gov. Rick Snyder's decision to suspend efforts to bring Syrian refugees to Michigan in light of the deadly terrorist attacks in Paris on Friday has sparked controversy and launched the state into the national debate of how to protect U.S. citizens while providing a haven for those who desperately need help.

[Snyder urges 'full review' of refugees, says safety is key \(AP\)](#)

Michigan Gov. Rick Snyder is asking the Obama administration for a "full review" of security clearances for refugees who could be placed in Michigan. Snyder's office released a letter that was sent Monday to Secretary of State John Kerry and the head of Homeland Security after the attacks in Paris and Beirut. The governor says he's "unwavering" in welcoming refugees to Michigan but adds that his first priority is keeping people safe.

[Governors Who Want To Ban Syrian Refugees Have Something In Common \(FiveThirtyEight\)](#)

"Michigan is a welcoming state and we are proud of our rich history of immigration," Michigan Gov. Rick Snyder said in a statement Sunday announcing his position on refugees. "But our first priority is protecting the safety of our residents."

[Michigan among those states not welcoming refugees \(WWMT\)](#)

In the wake of the deadly terror attacks in Paris on Friday, the state of Michigan is one of 11 across the country that has announced it will not take in Syrian refugees. U.S. governors—including Michigan's Governor Rick Snyder, are saying no to Syrian refugees. The news comes with concern that terrorists may enter the United States under the cover of a refugee to cause us harm.

Michigan Commission on Middle Eastern American Affairs: "We support the governor" (WLNS)

We support the governor's step that is designed to ensure the safety and security of all Michiganders. We also ask our fellow citizens to stay away from stereotyping and racially-charged comments at this sensitive time. In unity, we will uphold the values that have served America well and made us the great society we are today.

Governor Snyder's decision to suspend Syrian refugee relocation to Michigan criticized by some (WXYZ)

Governor Rick Snyder is defending his decision to suspend the state's program to accept Syrian refugees following recent terrorist attacks in Paris and Lebanon.

Snyder's action on refugees receives tepid response from local leaders (Macomb Daily)

Snyder was one of several governors who expressed concern over the prospect of terrorists slipping into the United States as part of the refugee process.

Ohio, Michigan governors take stance on Syrian refugee resettlement (WTOL-TV Ohio)

Friday's terror attacks in Paris have prompted governors of several states to close their borders to Syrian refugees, including Ohio Gov. John Kasich and Michigan Gov. Rick Snyder.

Snyder's change on Syrian refugees leads wave of opposition (WZZM)

Gov. Rick Snyder's announcement on Sunday that he would at least temporarily back off an effort to relocate Syrian refugees in Michigan set off a wave of even stronger opposition by governors across the U.S. on Monday, with several saying they would reject outright any attempts to resettle Syrians in their states.

For Syrians in Michigan, call to block refugees is a gut punch (Washington Post)

Among the first and most surprising was Michigan Gov. Rick Snyder (R), who until this weekend had enthusiastically embraced the idea of resettling refugees in a depopulated Detroit.

Gov. Snyder suspends acceptance of refugees in Michigan (UP Matters/TV 3)

No Syrian refugees will be allowed into Michigan in the near future. Governor Rick Snyder has suspended the state's acceptance of those refugees until the U.S. Department of Homeland Security reviews its procedures for allowing them into our country.

Advocates urge Gov. Snyder to reconsider "hasty" decision on Syrian refugees (Michigan Radio)

Michigan's Syrian American community and its supporters are urging Governor Snyder to resume efforts to re-settle refugees in the state.

Snyder says hold on Syrian refugees is temporary (WOOD-TV)

Gov. Rick Snyder said that the hold he placed on allowing Syrian refugees into Michigan is a temporary precautionary decision. Two days after a group of Islamic extremists killed more than 100 people in Paris, Snyder made the move out of concern for the safety of Michigan residents, he said.

Snyder Says Suspending Acceptance of Syrian Refugees is "Prudent" and Temporary (Michigan Radio)

Governor Rick Snyder stresses that he's only pausing, not ending, plans to welcome refugees from Syria and other Middle East countries to Michigan. Governor Snyder has a very pro-immigration record, and says there are humanitarian and practical reasons for Michigan to welcome refugees.

Border Not Closed: Snyder Clarifies Refugee Situation (WSJM)

Governor Snyder is clarifying his stance on allowing Syrian refugees into the state. On Sunday, Snyder said he was temporarily halting efforts to relocate refugees into the state pending a review by the U.S. Department of Homeland Security on the procedures for allowing them into the country. He also said yesterday that the borders aren't being closed.

Snyder Temporarily Blocks Refugees (WILX)

Governor Snyder says he's blocking more refugees from coming to Michigan for now in order to keep our state safe. "Most people are not terrorists," said Gov. Rick Snyder. "We need to be thoughtful about helping people around the world. This is just to be prudent to make sure that some terrorist element is not entering our country."

Snyder clarifies Syrian refugees already headed to Michigan OK (Fox 17)

In a bid to clarify a decision he announced Sunday, Gov. Rick Snyder says Syrian refugees already in the pipeline or who recently arrived or are expected to arrive in Michigan soon will not be stopped.

Bill signing

Snyder signs legislation to promote financial education (AP)

Gov. Rick Snyder says financial literacy courses will help Michigan high school students be better equipped to understand and manage their personal finances.

Snyder signs 11 bills, including increased penalties for poaching (UP Matters)

Michigan high school students will be better equipped to understand and manage their personal finances by earning credit for financial literacy courses, under bipartisan legislation signed today by Gov. Rick Snyder.

DEPARTMENT NEWS

DEQ

Boil water advisory in Shelby lifted after follow-up tests negative (MLive)

A boil water alert for the Village of Shelby has been lifted. The alert was issued late Thursday after coliform bacteria was discovered in the water distribution system. The alert, which was lifted around noon Sunday, advised people to boil water or use bottled water for cooking, drinking, washing dishes, making ice and brushing teeth.

Flint water crisis prompts more scrutiny of federal drinking water rules (Michigan Radio)

The Flint water crisis will be part of a public meeting this week in Virginia about federal rules on lead. The National Drinking Water Advisory Council is holding meetings tomorrow through Thursday to develop recommendations for the Environmental Protection Agency.

DNR

Firearm deer opener provides plenty to check at St. Charles DNR (MLive)

Officials at the Michigan Department of Natural Resources office in St. Charles saw nearly twice as many deer checked this firearms deer opener, as last year.

Fourth case of CWD confirmed in Michigan (UP Source)

A fourth case of chronic wasting disease has been confirmed in a deer downstate. Locally, the Michigan Department of Natural Resources is taking steps to keep chronic wasting disease out of the Upper Peninsula. The disease is a neurological disorder that is fatal.

DOC

Midland County Board of Commissioners approves 2016 budget (Midland Daily News)

The Midland County Board of Commissioners recently approved the 2016 administrator/controller's recommended budget. But it didn't happen until commissioners had debated whether to include a request from Sheriff Scott Stephenson for an additional eight corrections officers.

Attorneys discuss a Flint water class action lawsuit (Michigan Radio)

Attorneys are hoping to sign up tens of thousands of Flint water customers for a class action lawsuit against the city and state. The suit was filed Friday on behalf of four families.

MDE

[LCC to interview finalists for board vacancy \(Lansing State Journal\)](#)

The Lansing Community College Board of Trustees will interview three candidates to fill a vacancy left by the resignation of one of its members last month. Alex Azima, Ronald Gillum and Todd Heywood were selected as finalists for the position from a pool of 18 applicants, according to a news release.

MDOT

[MDOT Earns Honors for Rumble Strip Idea \(WHTC\)](#)

The rumble strip concept that the Michigan Department of Transportation has implemented on rural highways has earned a national honor. The Roadway Safety Foundation and the Federal Highway Administration recognized MDOT's initiative with a 2015 National Roadway Safety Award for its effectiveness, innovation and efficient use of resources.

MEDC

[Switch confirms plans for \\$5B investment, 1,000 jobs at West Michigan data center \(MLive\)](#)

Switch has confirmed it intends to build a new \$5 billion data center on the site of the former Steelcase Inc. Corporate Development Center, commonly known as the Steelcase pyramid. The new 2 million-square-foot data center, dubbed Supernap Michigan, would be the largest data center in the eastern United States, the company said in a press release on Monday, Nov. 16.

MVAA

[Gov. Snyder honors businesses for veteran hiring efforts \(WWMT-TV\)](#)

Nearly 1,000 good paying jobs are ready to be filled by veterans in West Michigan. Governor Rick Snyder joined the Michigan Veterans Affairs Agency on Monday at Michigan State University to recognize 37 employers for their veteran hiring efforts.

[One thousand jobs targeted for veterans through MVAA's Veteran \(UPMatters.com\)](#)

Nearly 1,000 good-paying jobs are ready to be filled by veterans at companies throughout Michigan that recognize and respect their military skills, training and experience. Gov. Rick Snyder joined Michigan Veterans Affairs Agency Director Jeff Barnes Monday during MVAA's Veteran-Friendly Employer Awards and Recognition Breakfast, held at Michigan State University.

SOS

[Judge: HP must turn over computer code to Mich. SOS \(The Detroit News\)](#)

A Kent County judge has ordered Hewlett-Packard to turn over the computer source code for vehicle registrations online to the state of Michigan, according to the Michigan Secretary of State's Office. The state terminated its contract with the global information technology company in August and sued HP in Kent County Circuit Court in September after the company failed to deliver on a \$49 million contract over 10 years.

LEGISLATIVE NEWS

[Should Michigan change tax law to lure \\$5B data center? \(Free Press\)](#)

A vacant Grand Rapids site could become the largest data center in the eastern half of the United States but only if the Michigan legislature grants the company a tax break potentially worth millions of dollars.

[Switch confirms plans for \\$5B investment, 1,000 jobs at West Michigan data center \(MLive\)](#)

Switch has confirmed it intends to build a new \$5 billion data center on the site of the former Steelcase Inc. Corporate Development Center, commonly known as the Steelcase pyramid.

[\\$5B data center for Steelcase pyramid is 'an incredibly game-changing project' \(MLive\)](#)

About two months ago, Birgit Klohs, president and CEO of Right Place Inc., was invited to meet with a Nevada entrepreneur with the dashing name of Rob Roy and Roger Norman, the new owner of the former Steelcase pyramid.

Michigan State Senator wants to repeal Self-Defense Act (Ammoland)

On Tuesday, November 10, state Senator Rebekah Warren (D-18) implicitly made a bold statement that violent criminals deserve more legal protection than their law-abiding victims when she introduced Senate Bill 611.

OPINION

Why collective bargaining still works (Detroit Free Press)

The recently concluded negotiations between the Detroit 3 and the UAW shows the benefits of collective bargaining in a democratic society.

The long road to peace and the end of terror (Detroit Free Press)

It will be months before Paris, Beirut, Nairobi and the rest of the world recover from the loss of life and shaken sense of security wrought by the cowardly terrorist acts of the past week.

Gov. Snyder's decision on Syrian refugees plays into what ISIS wants (Michigan Radio)

Governor Rick Snyder bowed to pressure yesterday and made a decision that was politically easy.

Initiative petition process cries for reform (Detroit News)

We are about one year away from the 2016 general election and efforts are in full swing to qualify initiated statutes and constitutional amendments for that statewide ballot. Already we're seeing evidence with those efforts of the dysfunction that we've come to associate with the law/amendment drafting, petition circulation process, and voter information that comes with ballot questions.

Editorial: Roads funding plan is a start (Lansing State Journal)

When Gov. Snyder put pen to paper last week, he finally gave us a roads funding plan.

Candice Miller: Gov. Snyder's prior willingness to accept Syrian refugees was 'off the mark' (MLive)

U.S. Rep. Candice Miller, R-Harrison Twp., joined WJR 760 AM host Paul W. Smith on Monday to make clear her concerns regarding the U.S. accepting Syrian refugees in the wake of Friday's terrorist bombings in Paris.

#####

From: Redford, James (GOV)
Sent: Tuesday, January 05, 2016 3:24 PM
To: Scott, Allison (GOV)
Cc: Agen, Jarrod (GOV); Smith, Paul (GOV)
Subject: Re: Genesee County request for Declaration of Emergency/Flint Water - Response Requested

I am good as drafted

Thank you.

J

Sent from my iPad

On Jan 5, 2016, at 3:19 PM, Scott, Allison (GOV) <scotta12@michigan.gov> wrote:

I agree and have removed it. Was going to replace with citizens but think it can go without either.

From: Agen, Jarrod (GOV)
Sent: Tuesday, January 5, 2016 3:18 PM
To: Smith, Paul (GOV) <SmithP29@michigan.gov>
Cc: Scott, Allison (GOV) <scotta12@michigan.gov>; Bedan, Morgan (GOV) <BedanM@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Ackerman, Darin (GOV) <ackermamd3@michigan.gov>; Lange, Michelle (GOV) <LangeM3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Arwood, Cheri (GOV) <ArwoodC@michigan.gov>
Subject: Re: Genesee County request for Declaration of Emergency/Flint Water - Response Requested

I don't think you need the words "in humans" in graph #6 anymore.

On Jan 5, 2016, at 3:14 PM, Smith, Paul (GOV) <SmithP29@michigan.gov> wrote:

Attorney-Client Privilege

From: Smith, Paul (GOV)
Sent: Tuesday, January 05, 2016 2:56 PM
To: Snyder, [PPI] (GOV) <[PPI]>
Cc: Scott, Allison (GOV) <scotta12@michigan.gov>; Bedan, Morgan (GOV) <BedanM@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Clement, Elizabeth (GOV)

<clemente@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Ackerman, Darin (GOV) <ackerman3@michigan.gov>; Lange, Michelle (GOV) <LangeM3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Arwood, Cheri (GOV) <ArwoodC@michigan.gov>
Subject: RE: Genesee County request for Declaration of Emergency/Flint Water - Response Requested

Governor,

Attached is a revised declaration with all staff edits included. MSP is fine with the revisions. We are ready to proceed with your approval.

Paul

From: Smith, Paul (GOV)
Sent: Tuesday, January 05, 2016 1:10 PM
To: Snyder, [PPI] (GOV) [PPI]
Cc: Scott, Allison (GOV) <scotta12@michigan.gov>; Bedan, Morgan (GOV) <BedanM@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Ackerman, Darin (GOV) <ackerman3@michigan.gov>; Lange, Michelle (GOV) <LangeM3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Arwood, Cheri (GOV) <ArwoodC@michigan.gov>
Subject: Genesee County request for Declaration of Emergency/Flint Water - Response Requested

Governor,

Attorney-Client Privilege

Attorney-Client Privilege

Paul C. Smith
Deputy Legal Counsel
Office of the Governor – Legal Division

517.241.5598 (office)

PPI (cell)

smithp29@michigan.gov

<2016-01-05 Flint Water Governor's Declaration Final Draft.docx>

From: Kelenske, Chris (MSP)
Sent: Tuesday, January 05, 2016 6:06 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Baird, Richard (GOV); Hollins, Harvey (GOV)
Subject: Update - Genesee County Declaration

Below are some key points for your situational awareness (FYSA) that have taken place or will take place within the next 15 hours.

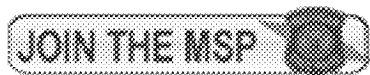
- I was on the phone with Sean Kammer, Assistant to the Flint City Administrator, when the declaration hit the news so I advised him immediately. He was going to let the City Administrator know.
- I contacted MSP Lt. Roach, 3rd District Coordinator, who was at the Genesee County EOC and advised her to let the County EM know the declaration status.
- State Emergency Management Coordinators (SEMCs) were notified via our notification system with additional information in an email.
 - This included information on the SEOC activation and a 0900 briefing for SEMCs.
 - Some subject matter experts will provide us an update to establish a common operating picture.
- We have been in contact with FEMA Region V watch desk ... they will be on the call tomorrow and continue to monitor the situation.
- I have been in contact with the FEMA Region V Administrator to keep him updated.
- Operational period for the SEOC will be M-F, 0800 to 1700 at this time.
- Situation Reports (SitReps) will be provided in the evenings.
- An Incident Action Plan will be developed tomorrow.

Call me with any concerns or questions.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."



From: Kelenske, Chris (MSP)
Sent: Tuesday, January 05, 2016 6:13 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Baird, Richard (GOV); Hollins, Harvey (GOV)
Subject: RE: Update - Genesee County Declaration

I forgot to advise that we have asked key state agency PIOs to be in the SEOC for the briefing.

From: Kelenske, Chris (MSP)
Sent: Tuesday, January 05, 2016 6:06 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Baird, Richard (GOV); Hollins, Harvey (GOV)
Subject: Update - Genesee County Declaration

Below are some key points for your situational awareness (FYSA) that have taken place or will take place within the next 15 hours.

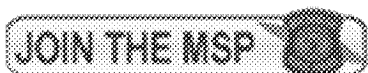
- I was on the phone with Sean Kammer, Assistant to the Flint City Administrator, when the declaration hit the news so I advised him immediately. He was going to let the City Administrator know.
- I contacted MSP Lt. Roach, 3rd District Coordinator, who was at the Genesee County EOC and advised her to let the County EM know the declaration status.
- State Emergency Management Coordinators (SEMCs) were notified via our notification system with additional information in an email.
 - This included information on the SEOC activation and a 0900 briefing for SEMCs.
 - Some subject matter experts will provide us an update to establish a common operating picture.
- We have been in contact with FEMA Region V watch desk ... they will be on the call tomorrow and continue to monitor the situation.
- I have been in contact with the FEMA Region V Administrator to keep him updated.
- Operational period for the SEOC will be M-F, 0800 to 1700 at this time.
- Situation Reports (SitReps) will be provided in the evenings.
- An Incident Action Plan will be developed tomorrow.

Call me with any concerns or questions.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."



From: Smith, Paul (GOV)
Sent: Friday, December 18, 2015 11:57 AM
To: Murray, David (GOV)
Subject: Fwd: Flint News Article and Update
Attachments: image003.png; ATT00001.htm; 12 11 15 City of Flint SOP.PDF; ATT00002.htm

FYI

Begin forwarded message:

From: "Kelenske, Chris (MSP)" <KelenskeC@michigan.gov>
Date: December 18, 2015 at 11:27:34 AM EST
To: "Etue, Kriste (MSP)" <EtueK@michigan.gov>, "Gorski, Gary (MSP)" <GorskiG@michigan.gov>, "Smith, Paul (GOV)" <SmithP29@michigan.gov>
Cc: "Katarsky, Anthony (MSP)" <KatarskyA@michigan.gov>
Subject: Flint News Article and Update

Note the below article on the Flint water issue. They are starting to follow the emergency management process to include implementing their Support Emergency Operations Plan (Flint's is attached). The County has an Emergency Operations Plan that Flint is to support. Opening an EOC is key for coordination and that has been done at the city level (at least to some degree but probably not at the staffing level it needs to be at this time).

In a letter to Weaver Thursday, Dec. 17, Curtis says county guidelines and state law call for him to consult with the county's emergency management coordinator -- Sheriff Robert Pickell -- and Michigan State Police once he has been given the declaration.

"Upon such consultation and review of the city's declaration of emergency and upon determining that the situation is beyond the capabilities of the county to handle, I as the county board chair, may then declare a state of emergency and request assistance from the state of Michigan and a governor's declaration," Curtis' letter says.

We are working to make sure we have all the information needed to ensure the Mayor and County Commissioner understand the limitations of the Emergency Management Act and Stafford Act. They may find that the energy they are spending hoping for a federal emergency declaration may be better spent looking to HUD or EPA for assistance. A better job is needed to manage expectations which I will work with others on that. We will also make sure they understand what information we would need before we look at a Governor or Presidential declaration. They cannot just ask for a Governor's declaration ... they need to provide us information as to why they need it and what they (Flint and the County) have done thus far.

As outlined in the Michigan Emergency Management Plan, *Local EM programs must ensure that local disaster relief forces are utilized to the maximum extent possible, including the use of local contractors, activation of mutual aid and other standing agreements, and use of nearby resources. State disaster assistance is used to supplement local efforts and resources, and to help relieve extraordinary burden. It is NOT to be used for simple budgetary relief or to relieve hardship.* FEMA's first questions will be, "What is it (specifically) they need that they cannot get from others."

Genesee County chairman says he can send Flint disaster request to governor

Ron Fonger

MLive

12.18.15

(This story has been updated with comment from Flint ayor Karen Weaver.)

FLINT, MI -- Genesee County Board of Commissioners Chairman Jamie Curtis says he is authorized to forward Flint's request for a disaster declaration to the governor and plans to meet with Mayor Karen Weaver about it next week.

In a letter to Weaver Thursday, Dec. 17, Curtis says county guidelines and state law call for him to consult with the county's emergency management coordinator -- Sheriff Robert Pickell -- and Michigan State Police once he has been given the declaration.

"Upon such consultation and review of the city's declaration of emergency and upon determining that the situation is beyond the capabilities of the county to handle, I as the the county board chair, may then declare a state of emergency and request assistance from the state of Michigan and a governor's declaration," Curtis' letter says.

Curtis declined to comment further on the matter, but he chairman's letter says he will "do whatever I can ... to assist the city of Flint as it continues to struggle with its emergency water situation."

Weaver said she plans to meet with Curtis and other emergency management officials Monday, Dec. 21, to work on the request.

Earlier this week, Curtis said he did not plan to call a special meeting of the county Board of Commissioners to consider the disaster request but would add the issue to the agenda of the county board at its next meeting on Jan. 4.

The mayor has said state and federal funds are needed to respond to health problems caused by lead in drinking water here and to replace thousands of lead service lines in the city.

Weaver's declaration, read to the City Council Monday, Dec. 14, did not include an estimate of damages suffered by the city and residents.

To support the request for disaster relief, the city also announced that it has enacted its "Support Emergency Operations Plan" and opened an "Emergency Operations Center."

Sean Kammer, assistant to the city administrator, said the center is available to answer questions from residents and will be used to coordinate relief efforts.

The EOC is located in Flint Fire Station 1, 310 E. Fifth St., and the center can be reached by calling 810-237-6888, extension 5005 from 8 a.m. until 5 p.m. Monday through Friday.

http://www.mlive.com/news/flint/index.ssf/2015/12/genesee_county_board_chair_say.html#incart_m-rpt-2

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

“A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY.”

From: Scott, Allison (GOV)
Sent: Thursday, April 25, 2013 3:42 PM
To: Snyder, Rick (GOV)
Cc: Muchmore, Dennis (GOV); Roberts, John (GOV)
Subject: FW: Responses to Questions from Flint received last evening
Attachments: DOC042513.pdf

Fyi - looks like they were following your instructions.

-----Original Message-----

From: Matthew Schenk [<mailto:schenk@dwisd.org>]
Sent: Thursday, April 25, 2013 12:27 PM
To: ekurtz@cityofflint.com; Dillon, Andy (Treasury); Scott, Allison (GOV); orrk@detroitmi.gov
Cc: jfausone; Sue McCormick; Nicolette Bateson; William Wolfson
Subject: Responses to Questions from Flint received last evening

Mr. Kurtz,

Please find attached responses to the 11 questions sent by Flint last evening to DWSD. Also, attached are revised exhibits to reflect the proposed change to reserve 60MGD of capacity beginning in year 1 of the proposed contract.

Please advise if you have any additional questions. We look forward to continue working with Flint on this important issue.

--

Matthew Schenk
Chief Operating Officer/
Chief Compliance Officer
DWSD
City of Detroit
Dave Bing, Mayor
(313) 224-4707

From: Scott, Allison (GOV)
Sent: Friday, April 26, 2013 1:20 PM
To: Snyder, Rick (GOV)
Cc: Muchmore, Dennis (GOV); Roberts, John (GOV)
Subject: FW: Rate Proposal for Flint/Genesee County
Attachments: Rate Proposal for Flint - Genesee County.pdf

From: Debra Ragland [<mailto:dragland@dwsd.org>]
Sent: Wednesday, April 24, 2013 3:40 PM
To: Dillon, Andy (Treasury)
Cc: Scott, Allison (GOV); Ed Kurtz; orrk; James Fausone; William Wolfson; Nicolette Bateson; Sue McCormick
Subject: Rate Proposal for Flint/Genesee County

Please see the attached letter forwarded on behalf of Sue McCormick - Director, Detroit Water and Sewerage Department.

Original via US Mail.

April 24, 2013

Mr. Andy Dillon, Treasurer
Michigan Department of Treasury
Lansing, Michigan 48922

Dear Mr. Dillon:


Regarding: Rate Proposal for Flint / Genesee County

As you are aware, during our meeting on Friday, April 20, 2013, the Detroit Water and Sewerage Department (DWSD) was requested to provide a rate proposal to Flint and Genesee County by today based upon the specifications that Flint provided to DWSD on Monday, April 22, 2013. Early this morning, DWSD responded to that request with several documents that were also provided to your office by electronic communication.

In addition to the proposal document, the State of Michigan requested that DWSD include cost figures concerning DWSD's stranded costs associated with capital investment made by DWSD over the years related to serving both Flint and Genesee County as water customers. This issue of "stranded costs" has received significant media attention over the past several months, and my impression is that the State was looking for a clear figure so that there could be subsequent discussion and negotiation over all costs associated with Flint's decision on whether to join Karegondi Water Authority (KWA).

As you may know, State law requires that public utilities such as DWSD must base their rates upon the actual cost of service to particular customers. Additionally, state law limits the length of utility contracts to thirty years, while the useful life of capital assets in the water utility can greatly exceed that thirty year term.

Unfortunately, the computation of stranded costs for DWSD's capital investments in capacity and transmission attributable to Flint's and Genesee's consumption of DWSD water, is a complex calculation that cannot be performed with any level of certainty over the short time period provided by the State of Michigan for this analysis. Further, I have been advised by DWSD's General Counsel that it would not be prudent to engage in a process of trying to guestimate a price range for such a complex computation.



Mr. Andy Dillon, State Treasurer

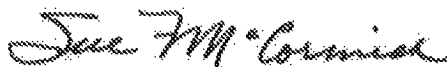
April 24, 2013

Page 2

Based upon DWSD's termination of Flint's existing water contract last week, DWSD has roughly twelve months to determine the appropriate cost structure for Flint and Genesee's water consumption over the remaining term of their non-contracted water service from DWSD. DWSD will, however, endeavor to finalize the rate impact of the stranded costs by the end of the current calendar year.

Please rest assure that DWSD's computation will be in accordance with State Law which dictates that such rates will not result in a rate structure that would generate a profit for DWSD. Our intent is simply to compute the rates so that costs properly attributable to Flint and Genesee County will not be borne by the remaining DWSD water customers.

Sincerely,



Sue McCormick

Director

xc: The Honorable Rick Snyder, Governor State of Michigan
Ed Kurtz, Emergency Financial Manager, City of Flint
Kevyn Orr, Emergency Financial Manager, City of Detroit
James Fausone, Chairman, Board of Water Commissioners
William Wolfson, DWSD General Counsel
Nicolette Bateson, DWSD Chief Financial Officer

From: Scott, Allison (GOV)
Sent: Monday, April 29, 2013 7:14 AM
To: Snyder, Rick (GOV)
Subject: Fwd: Flint/DWSD
Attachments: Kevyn Orr - April 26, 2013.pdf; ATT00001.htm

Looks like they adhered to the plan

Sent from my iPhone

Begin forwarded message:

From: "Roberts, John (GOV)" <robertsj9@michigan.gov>
Date: April 28, 2013, 11:08:05 PM EDT
To: "Scott, Allison (GOV)" <scotta12@michigan.gov>
Subject: Fwd: Flint/DWSD

FYI

John Roberts

Begin forwarded message:

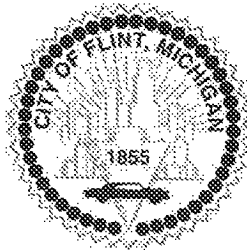
From: "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>
Date: April 26, 2013, 4:51:25 PM EDT
To: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Roberts, John (GOV)" <robertsj9@michigan.gov>, "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>
Cc: "Buhs, Caleb (GOV)" <BuhsC2@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>
Subject: Flint/DWSD

Ed Kurtz and Kevyn Orr spoke this afternoon. Ed indicated that Flint will not accept the last offer from DWSD. His formal letter is attached.

I spoke with both (separately) after the call. They both indicated that they had a good conversation, and that they sincerely look forward to working with the other in good faith over the next couple years.

Kevyn indicated that he would follow up with Sue McCormack, and that his direction will be that there be no more talking to the press about the issue. Ed plans to stay silent on the deal until Monday, at which time he will address the issue in a matter of fact matter, and stay away from any divisive language regarding the issue.

Brom Stibitz
Senior Policy Advisor
Michigan Department of Treasury
517-373-3223
sibitzb@michigan.gov



CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
EDWARD J. KURTZ

ELECTRONIC LETTER

April 26, 2013

Mr. Kevyn Orr
Emergency Manager
Coleman A. Young Municipal Center
2 Woodward Avenue, Suite 1126
Detroit, MI 48226

RE: DWSD Offer Evaluation

Dear Mr. Orr:

DWSD's offer of a Public/Public Partnership appears on the surface to offer significant cost of water savings, particularly in the near-term. However, further analysis exposes several flaws and weaknesses with the offer that reduce any potential appeal. First, the offer continues to use a grossly inaccurate estimate of the KWA operating and capital costs over the next thirty years. This one estimate is off by at least \$800 million and perhaps by as much as \$1 billion over that timeframe. And since DWSD claims "total savings to the Flint region are over \$900 million", they have relied on this flawed estimate of KWA cost to make this claim. This offer also relies on a projection based on very little capital expenditures, no repairs on a system that is past its life expectancy, and annual rate increases of 4.7% over the next 30 years.

Secondly, and of much greater concern to Flint and GCDC, DWSD's offer of partnership would not so much foster a true collaborative relationship, but instead contractually transfers significant liability and risk for the next thirty years. DWSD's offer states the contract "would reflect more input into and control over system investments and cost variables." Unfortunately, these future investments and cost variables are not contained in the DWSD cost estimates. DWSD has included a fixed monthly charge to recover allocated capital revenue requirements, but this number is largely for past expenditures and debt costs, and does not include the significant future capital costs which will be required to maintain their nearly 50 year-old system. Once again quoting from the

DWSD April 24th offer letter under the Rate Increase Guarantee section – “DWSD proposes a guarantee that the capital portion of the Lake Huron System rate structure (the fixed monthly charge) will not increase for the life of the contract, unless additional capital investment is made in current and future Lake Huron System facilities.” No one disputes that additional capital costs will be required that will total in the millions of dollars.

The DWSD offer is able to appear to offer savings on the surface since they have offloaded much of the above future capital costs. But to do so, DWSD has had to gloss over or simply ignore these large future expenditures. If these unaccounted for capital costs were to be calculated and added to the 30 year Flint and GCDC cost of water estimates, the DWSD offer becomes one in which the savings swing far to the advantage of the Karegnondi Water Authority.

Sincerely,

A handwritten signature in black ink, appearing to read 'Edward J. Kurtz', written in a cursive style.

Edward J. Kurtz

ATTACHMENT 1

This offer has more risk involved than previous proposals. KWA would be responsible for between 20% and 100% of the repair costs on the pipeline and related assets from Port Huron

The numbers in the offer do not make sense. DWSD indicates savings of over \$900 million while KWA's total cost over 30 years is less than \$650 million.

Offer is based on very little capital improvements, no repairs and a 4.7% annual increase over the life of the contract.

There are no rate guarantees after the first year for capital, O & M or consumption.

KWA would be responsible for redundancy at a cost of \$94.68 million per DWSD's estimate.

Does not guarantee a rate structure if system regionalizes or DWSD regionalizes, or Detroit enters bankruptcy.

Flint and Genesee County could have a connected waste/water system that serves all or part of five counties.

The potential for further consolidation of services between the city and the county i.e...water, wastewater, 911, etc,

This partnership will give Flint ownership of its own water supply system with real representation on its board of directors, making all treatment and delivery system decisions.

Flint's participation allows them to utilize its own water treatment facility that it has invested 50 million into and only currently exercises four days per year.

The investment gives us a new pipeline with a life expectancy of 75 years, as well as a 2nd product, untreated water. Under DWSD we would have no ownership after the end of the contract, and a new pipeline would still need to be built.

A 30 year contract with DWSD keeps us on a system that is 48 years old with a design life of 75 years. There will be necessary major investments or replacement costs that are not accounted for in this DWSD proposal.

KWA guarantees its capitol rate for 25 years. The capitol rate is 90 % of the total costs.

The commodity charge of \$1.30 per mcf is mainly driven by energy costs. The whole operation will employ 5-7 people.

A thirty year contract with DWSD will lock Flint into hundreds of employees, labor costs and legacy costs.

The combination of low financing, labor and material make this the optimal time for this investment. At our meeting with the governor on April 19th Detroit acknowledged a second pipeline had to be built.

KWA could be used as a backup emergency supply for the existing 48 year old pipeline.

It brings a total economic package to our community i.e. We have the I-69 corridor, I-75 interchange, the rail system connected to Port Huron, and one of the busiest airports in the state. Owning our own water supply completes that package and keeps \$25 million in our community.

Mr. Fausone's continued insistence on a 12 month timeline to calculate the termination fees leaves a question mark on the costs.

Construction Costs

- Rowe/AECOM/J & H \$272,000,000
- TYJT \$357,000,000

Include: 10% bond coverage (dispelled)

30% additional engineering (dispelled)

Back-up power (dispelled)

- DWSD Starts at: \$357,000,000 and adds:

\$134,630,000 for bond sizing

\$11,074,500 for bond sale cost

For a total of: \$503,274,500

Plus need to collect \$6,984,000 per year extra for bond coverage (20%)

Now we need:

20% bond coverage

30% additional engineering

38% bond sizing

We dispelled TYJT numbers; now DWSD starts with those numbers and adds more

They add the same costs to Flint and GCDC construction costs (baseline figures and assumptions – KWA)

Baseline Figures and Assumptions - KWA Scenario

DWSD Water Rate Structure		
Fixed	Standby	Commodity

2014 738,006 #N/A 13.01 Service ceases after 2016

Total Water Service Costs for Flint / Genesee County Drain Commission
Costs of Current Facilities / Operations

Same as DWSD scenario

Costs of Future Facilities / Operations

	Flint WTP Improvements	GCDC WTP and Other	KWA System (a)
<u>Financing Costs for New Projects</u>			
Project Cost	7,100,000	110,038,554	357,578,060
Bond Sizing Factor	37.65%	37.65%	37.65%
Additional Bond Proceeds Needed	2,670,000	41,430,000	134,630,000
Bond Sale Size	9,800,000	151,500,000	492,200,000
Bond Issuance Expenses - %	2.25%	2.25%	2.25%
Bond Issuance Expenses	220,500	3,408,800	11,074,500
Finance Rate	5.00%	5.00%	5.00%
Finance Term	25	25	25
Bond Reserve Size - %	10.00%	10.00%	10.00%
Bond Reserve Size	980,000	15,150,000	49,220,000
Capitalized Interest term - years	3	3	3
Capitalized Interest	1,470,000	22,725,000	73,830,000
Net Bond Proceeds	7,129,500	110,216,200	358,075,500
Annual Debt Service Payment	695,300	10,749,300	34,922,800
Debt Service Coverage Requirement	120.00%	120.00%	120.00%
Annual Debt Service Coverage	139,100	2,149,900	6,984,600
Replacement?	144,900	2,251,600	(b)
Total Capital Financing Revenue Req'd	979,300	15,150,800	41,907,400
Operating Cost Estimate Starting in FY 2017	8,270,000	1,819,900	(c)

(a) excludes raw water reservoir

(b) assume no annual replacement required for pipeline

(c) \$1.30 per Mcf inflated to 2017

PRELIMINARY

TFG
THE FOSTER GROUP

4/26/13

From: Agen, Jarrod (GOV)
Sent: Friday, October 02, 2015 10:35 AM
To: Snyder, Rick (GOV)
Cc: Scott, Allison (GOV)
Subject: Re: Flint

Josh just sent infographics.

On filters -- Dan Wyant just called to tell me we can announce \$1 million for filters out of a settlement fund in DEQ. Will be put into supplemental approps bill next week.

I'll get more on timing of availability.

Gettings answers on these others too.

> On Oct 2, 2015, at 7:12 AM, Snyder, Rick (GOV) <PPI> wrote:

>

> Do we have updated infographs?

>

> Do we have an answer as to how to reconcile what Genesee County said yesterday with what we are saying today?

>

> Any more info on the timing of filter availability?

>

> Best way to talk about discussions with GLWA?

>

> Thanks

> Rick

>

> Sent from my iPad

From: Muchmore, Dennis (GOV)
Sent: Friday, October 02, 2015 11:05 AM
To: Snyder [PPI]
Cc: Agen, Jarrod (GOV)
Subject: Re: Question to consider

Ok. Walling, Ananich and Kildee are pushing privately for that to be considered. We'll collect as much info as possible. Dayne is setting up a meeting with DWSD on his own and I thought that his initiation without our encouragement or leadership was the right way to approach it. I just told Dayne to be careful about some twist that hasn't yet been considered.

> On Oct 2, 2015, at 10:57 AM, Snyder, Rick (GOV) [PPI] wrote:

>

> We should help get all of the facts on the consequences of changing back vs. staying and then determine what financing mechanisms we have available. If we can provide the financing, then we should let Flint make the decision.

>

> Thanks

> Rick

>

> Sent from my iPad

>

>> On Oct 2, 2015, at 7:38 AM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

>>

>> It appears on the surface (without the deep dive we'll definitely do on it) that for \$11M we can reconnect to DWSD system for the intervening time before KWA comes on line. That may well be the only way to bring any confidence back to the community. If you choose to do so, what if we created or expanding some revolving fund where Flint wouldn't have to start repaying until 2020 or whenever in the future to stretch the liability? If we needed to have a guarantee perhaps we could use the Escheats of the bottle bill money as a set aside or guarantor without having to touch the principal?

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 21, 2015 7:42 AM
To: Snyder, Rick (GOV); PPI
Cc: Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV)
Subject: Re: Flint water question from Mildred

Absolutely, had talked with Allison about that. DHHS is double checking just in case and will help track down ASAP.

Sent from my iPhone

> On Oct 21, 2015, at 7:38 AM, Snyder, Rick (GOV) <PPI> wrote:

>

> She claimed that two Flint children were in critical condition over lead. Her source was Rev. Bullock. I said I wasn't aware of that and that all of the identified children were being tracked by public health officials. Please check on the status of children with higher level of lead.

>

> Thanks

> Rick

>

> Sent from my iPad

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 21, 2015 8:00 AM
To: Snyder, [REDACTED] PPI
Cc: Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV)
Subject: Re: Flint water question from Mildred

Would quickly add that DHHS has almost daily conference calls with the local public health department in Flint. Nothing like this has come up to date. But again they are working to double and triple check.

Sent from my iPhone

> On Oct 21, 2015, at 7:41 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

>

> Absolutely, had talked with Allison about that. DHHS is double checking just in case and will help track down ASAP.

>

>

>

> Sent from my iPhone

>

>> On Oct 21, 2015, at 7:38 AM, Snyder, Rick (GOV) <[REDACTED] PPI> wrote:

>>

>> She claimed that two Flint children were in critical condition over lead. Her source was Rev. Bullock. I said I wasn't aware of that and that all of the identified children were being tracked by public health officials. Please check on the status of children with higher level of lead.

>>

>> Thanks

>> Rick

>>

>> Sent from my iPad

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 21, 2015 9:21 AM
To: Snyder; PPI
Cc: Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV)
Subject: Re: Flint water question from Mildred

From DHHS on this particular Q/issue: Dr. Eden Wells spoke this am with Dr. Mona Hannah Attisha, Dr. Lawrence Reynolds and the lead Public Health nurse at the Genesee County Health Department and there is absolutely no information to support the claims made by the Reverend on Mildred Gaddis' show. Dr. Hannah Attisha also checked the Intensive Care Unit and there were no patients similar to what the Reverend described.

Additional Background:

MDHHS has daily communication with the Genesee Co. Health Department via daily calls at 3 p.m. and Dr. Eden Wells also communicates frequently with Dr. Mona Hanna Attisha of Hurley and Dr. Lawrence Reynolds who heads up Pediatrics of Hurley.

We will follow up with Mildred. And we should definitely consider if/who follows up with Rev Bullock as well - Harvey? Dennis?

Sent from my iPhone

On Oct 21, 2015, at 8:00 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Would quickly add that DHHS has almost daily conference calls with the local public health department in Flint. Nothing like this has come up to date. But again they are working to double and triple check.

Sent from my iPhone

On Oct 21, 2015, at 7:41 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Absolutely, had talked with Allison about that. DHHS is double checking just in case and will help track down ASAP.

Sent from my iPhone

On Oct 21, 2015, at 7:38 AM, Snyder, Rick (GOV)

PPI wrote:

She claimed that two Flint children were in critical condition over lead. Her source was Rev. Bullock. I said I wasn't aware of that and that all of the identified children were being tracked by public health officials. Please check on the status of children with higher level of lead.

Thanks

Rick

Sent from my iPad

From: Snyder, [PPI]
Sent: Tuesday, October 20, 2015 7:43 PM
To: Calley, [PPI]
Cc: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV); Muchmore, Dennis (GOV)
Subject: Re: Dr. Lawrence Reynolds, Flint After Action

Sounds like a great addition.

Thanks
Rick

On Oct 20, 2015, at 6:19 PM, Calley, Brian (GOV) [PPI] wrote:

I really like that option.

On Oct 20, 2015, at 5:55 PM, Agen, Jarrod (GOV) <Agen.J@michigan.gov> wrote:

Rich connected with Dr. Lawrence Reynolds from Flint to join our After Action team. He's been a long time pediatrician in Flint. Well respected in the community. He was affiliated with Mott Children Health Center for several years, but is listed as affiliated with Hurley now. His background looks excellent. He is able to join via phone tomorrow morning. Let me know if any concerns. He was suggested by Harvey and vetted by Rich.

Old bio from 2012 here:

<https://cfgf.org/cfgf/tabId/394/Itemid/222/Dr-Lawrence-Reynolds-Honored-by-CFGF.aspx>

Current Listing:

<http://health.usnews.com/doctors/lawrence-reynolds-455776>

From: Snyder, [PPI]
Sent: Tuesday, December 29, 2015 12:37 PM
To: Baird, Richard (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Redford, James (GOV); Holland, Meegan (GOV)
Subject: Fwd: Attached Letter from Flint Water Advisory Task Force
Attachments: FWATF-Snyder Letter %28122915%29.pdf; ATT00001.htm

Just received the Flint letter via email. Please prepare a response to it.

Thanks
Rick

Sent from my iPad

Begin forwarded message:

From: Ken Sikkema <ksikkema@pscinc.com>
Date: December 29, 2015 at 12:26:09 PM EST
To: <snyder> [PPI]
Cc: Chris Kolb <chris@environmentalcouncil.org>, Matt Davis <mattdav@med.umich.edu>, Eric Rothstein <erolithste@grg-ltd.com>, "Lawrence Reynolds" <reynolds@mottchc.org>
Subject: Attached Letter from Flint Water Advisory Task Force

Dear Governor:

The Flint Water Advisory Task Force, which you appointed on October 21, 2015, has devoted considerable time and effort to our review of the contamination of the Flint Water supply. Our focus has been on assessing what happened, why it happened, and what is needed to prevent any recurrence in Flint or elsewhere in the state. We have also, as you know, been assessing on-going mitigation efforts.

Attached is a letter reporting our finding as to who bears the primary responsibility for what happened in Flint. We are sending this letter now because it has become clear to us that ascribing responsibility and ensuring accountability is both critical and urgent, and simply cannot wait for our final report. Establishing responsibility and accountability is the first step in re-establishing the trust between the citizens of Flint and their government and the agencies whose responsibility it is to protect their health. The current level of distrust also serves to compromise the effective delivery of protected services designed to address ongoing public health issues.

Thank you for the support you have given us and your demonstrated commitment to respond to our findings and recommendations.

On behalf of the Task Force

Ken Sikkema

--

Ken Sikkema

Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954
ksikkema@pscinc.com

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 11:52 PM
To: Murray, David (GOV); Agen, Jarrod (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV)
Subject: RE: Press release with mayor, Mott quotes

Importance: High

Team –

A few things based on other dept edits. See below highlighted. I believe these are necessary and help. But please review and make sure makes sense to you as well.

Also – the Detroit system pulls from both Lake Huron and the Detroit River. Mott is working on amending Ridgway's quote. See below for info:

Water 101/Q&A about Water Treatment - http://www.dwsd.org/pages_n/water101.html

Q: What is the source my drinking water?

A: The Detroit Water and Sewerage Department gets all of its water from the Detroit River and Lake Huron.

Detroit Water & Sewerage Dept Fact Sheet –

http://www.dwsd.org/downloads_n/about_dwsd/fact_sheet/dwsd_fact_sheet.pdf

The water system draws fresh water from the Great Lakes System, with Lake Huron to the north and the Detroit River to the south.

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 10:44 PM
To: Snyder, Rick (GOV) PPI Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Lasher, GERALYN (DHHS) <lasherg@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Press release with mayor, Mott quotes

Good evening Governor and team,

Here's the most updated version of the press release, including quotes and incorporating suggestions from Mayor Walling and the Mott Foundation friends. Please let me know if there are any other changes. Thank you for your assistance.

Dave

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation, city form partnership to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or \$6 million, of the \$12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide \$2 million and the Charles Stewart Mott Foundation has committed \$4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children."

Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues. Flint's move to the Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," Mott Foundation President Ridgway White said. "We believe that reconnecting the city's water supply to Lake Huron is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

The move to Detroit water, which is drawn from Lake Huron, is expected to carry many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority water already has additional corrosion control, using phosphates to help coat the insides of pipes and limit lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

"Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system," Flint Mayor Dayne Walling said. "I appreciate the state, the Mott Foundation, Detroit, and the county's participation in a solution for Flint's water problems. The health and safety of Flint's families, children and seniors is my top priority and reconnecting to Detroit is a major step that the city could not take alone given budget constraints."

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. ***MOVED FROM 4" GRAPH TO HERE FOR FLOW ON ADDITIONAL STATE ACTION*** The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all

four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Wurfel, Sara (GOV)
Sent: Thursday, October 08, 2015 1:26 PM
To: Agen, Jarrod (GOV); Murray, David (GOV); Heaton, Anna (GOV)
Subject: FW: Update on John's Legislative contacts

FYI

From: Weiss, Kurt (DTMB)
Sent: Thursday, October 08, 2015 1:23 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Update on John's Legislative contacts

Got an update from Scott and John and all in all the approps chairs took the Flint news pretty well. They realized we had to act quickly and get something out there. Sounds like their biggest concern was using too much General Fund and asked us to look at rainy day fund. Scott said he is hearing from other legislators as well that think it should be a loan to flint rather than a supplemental appropriation.

Kurt Weiss
State Budget Office
517-335-0050



From: Leix, Ron (MSP)
Sent: Tuesday, January 05, 2016 1:29 PM
To: Murray, David (GOV); Holland, Meegan (GOV)
Cc: Biehl, Laura (GOV); Heaton, Anna (GOV); Banner, Shanon (MSP)
Subject: Declaration News Release
Attachments: GOV001 - Emergency Declared for Genesee County - 2016.01.05 - PA.docx

Importance: High

Dave and Meegan,

We have crafted the following news release for the Governor declaring a “state of emergency.” Please see the attached.

A few things:

- When the proclamation is finalized, please double-check to ensure it syncs with the news release.
- The news release does not address a presidential disaster declaration. We anticipate there will be questions about whether the Governor will request one.
- Before this is issued, it may be worthwhile to make the appropriate legislative and local notifications.

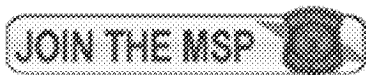
Please let me know if you need anything else.

Thanks,

Ron

Ron Leix
Public Information Officer (PIO)
Emergency Management
and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
TX: (517) 336-6464
Cell: ()

“A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY”



News Release

Contacts: Dave Murray
517-335-6397

Ron Leix, MSP/EMHSD
517-336-6464

FOR IMMEDIATE RELEASE
DRAFT: Monday, January 5, 2016

Gov. Snyder declares emergency for Genesee County

State Emergency Operations Center activated to assist with relief efforts

LANSING, Mich. – Gov. Rick Snyder today declared a state of emergency for Genesee County due to the ongoing health and safety issues caused by lead in the city of Flint's drinking water.

By declaring a state of emergency, Snyder has made available all state resources in cooperation with local response and recovery operations. The declaration authorizes the Michigan State Police, Emergency Management and Homeland Security Division (MSP/EMHSD) to coordinate state efforts.

"The drinking water crisis that continues to affect the city of Flint is an emergency in every sense of the word," Snyder said. "Every day, we depend on safe and clean drinking water from our taps. Flint residents cannot depend on their water unless safeguards are in place. Working in full partnership with the Flint Water Advisory Task Force, all levels of government and water quality experts, we will find both short-term and long-term solutions to ensure the health and safety of Flint residents."

In addition to the emergency declaration, Snyder activated the State Emergency Operations Center to coordinate state response and recovery activities. State agencies will report to the center to coordinate resources, assess the situation and begin providing assets to assist with local relief operations.

"The staff of the MSP/EMHSD recognizes the urgency of this situation and is already working closely with local officials," said Capt. Chris A. Kelenske, Deputy State Director of Emergency Management and Homeland Security and commander of the MSP/EMHSD. "We will continue to collaborate with state, city and county leaders to coordinate relief efforts, streamline communication and use all available resources to help residents."

On Jan. 4, Genesee County declared a "local state of emergency," which activated local emergency response and recovery plans. By requesting a governor's declaration, the county has determined local resources are insufficient to address the situation and state assistance is required

to protect public health, safety and property to lessen or avert the threat of a crisis.

The city of Flint has been under a local emergency declaration since Dec. 14, 2015.

The SEOC is the emergency operations center for the state of Michigan. Located in Lansing, the center is overseen by the MSP/EMHSD and coordinates response and recovery efforts by state agencies and local government. The SEOC is staffed by members of state agencies and other partners for decision making and information coordination during disasters or emergencies in the state of Michigan.

###

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 2:12 PM
To: Heaton, Anna (GOV); Biehl, Laura (GOV); Stoken, Laura (GOV)
Subject: FW: Detroit News request for comment on Common Cause Michigan's call for all Flint documents protected by FOIA

Dave Murray

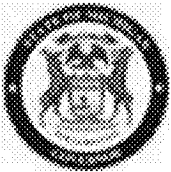
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 2:11 PM
To: 'Burr, Richard' <RBurr@detroitnews.com>
Subject: RE: Detroit News request for comment on Common Cause Michigan's call for all Flint documents protected by FOIA

Hi Richard,

The Governor is proud of the efforts his office has made to increase transparency and accountability, including dashboards featuring metrics for each department and creation of a citizen's guide to how state and local governments spend money. We're always focusing on continuous quality improvement in this area.

The Governor also has promised complete cooperation with the independent Flint Water Task Force that is reviewing all state, local and federal actions related to the situation as the administration focuses on the health and welfare of people in Flint and across the state.

Dave Murray

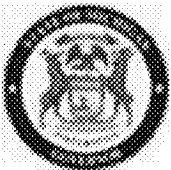
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Burr, Richard [mailto:RBurr@detroitnews.com]

Sent: Tuesday, January 05, 2016 2:00 PM

To: Murray, David (GOV) <MurrayD1@michigan.gov>

Subject: Detroit News request for comment on Common Cause Michigan's call for all Flint documents protected by FOIA

Dave,

I just need the statement you gave to MLive, Flint Journal about the Common Cause call for Gov/ Rick Snyder to drop his executive privilege and release all documents and correspondence connected to the Flint water crisis.

Richard Burr

Politics and Government Editor

The Detroit News

160 W. Fort St.

Detroit, MI 48226

(313) 222-2294

rburr@detroitnews.com

From: Leix, Ron (MSP)
Sent: Tuesday, January 05, 2016 5:28 PM
To: Minicuci, Angela (DHHS); Brown, Melanie (DEQ); Murray, David (GOV); Heaton, Anna (GOV); Holland, Meegan (GOV); Banner, Shanon (MSP)
Cc: Lixey-Terrill, Jennifer (DHHS); Wahl, Kathy (DHHS); Wolf, Jennifer (DNR); Hagler, Gary (DNR); Thelen, Richard (DHHS)
Subject: State Emergency Operations Center Meeting Tomorrow
Importance: High

Fellow PIOs,

Gov. Rick Snyder today declared a state of emergency due to the ongoing health and safety issues caused by lead in the city of Flint's drinking water. The State Emergency Operations Center (SEOC) has also been activated to coordinate response and recovery efforts.

There will be a briefing about the this incident at the SEOC at 9 a.m. Wednesday, Jan. 6. I am asking a PIO from each key agency to attend the briefing.

Key agencies include:

- Department of Health and Human Services
- Department of Environmental Quality
- Michigan State Police
- Governor's Office

In addition, we will be also developing a public information strategy for coordinating messaging during this incident.

The SEOC is located at 4000 Collins Road in Lansing. Please enter through the north gate. When you get to the gate, please buzz in and tell the guard your name and that you're there for the briefing.

The SEOC opens at 8 a.m., so if you want to come earlier, you're more than welcome.

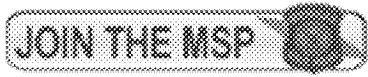
Please let me know if you have any questions.

Thanks,

Ron

Ron Leix
Public Information Officer (PIO)
Emergency Management
and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
TX: (517) 336-6464
Cell: PPI

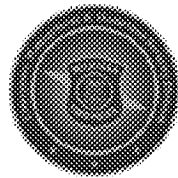
"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY"



From: Leix, Ron (MSP)
Sent: Tuesday, January 05, 2016 10:29 AM
To: Holland, Meegan (GOV); Murray, David (GOV); Heaton, Anna (GOV)
Cc: Banner, Shanon (MSP)
Subject: FW: MSP/EMHSD Media Monitoring Report -- Jan. 5, 2016
Attachments: Media Monitoring Report - 2016.01.05.pdf

FYI -- Situational awareness.

From: MSP-EMHSD-NEWS
Sent: Tuesday, January 05, 2016 10:25 AM
To: MSP-EMHSD-NEWS
Subject: MSP/EMHSD Media Monitoring Report -- Jan. 5, 2016



MEDIA MONITORING REPORT

1/5/2016

Issues:

- No issues to report.

Summary:

- Gov. Rick Snyder is considering whether to declare an emergency for Flint's contaminated water a week after apologizing to residents for the state's handling of Flint's water crisis.
- Gov. Rick Snyder is gathering the information needed to formally declare a state of emergency in Flint over the water contamination issue, but in the meantime is "already recognizing this as an emergency," spokesman Dave Murray said Monday.
- Keri Webber, summed up her feelings in as it relates to the city of Flint and its lead contaminated water: "We're terrified."
- A Genesee County judge has clarified a ruling made last month regarding water shutoff notices for Flint residents.
- The Genesee County Health department estimates 40 percent of homes have not yet installed the filters.
- About 1,200 workers are taking advantage of the relatively mild winter to build the final portion of a new pipeline to bring water from Lake Huron to communities including Flint.
- Bryn Mickle, Flint Journal/MLive editor, talks with Rachel Maddow about why his organization is calling for a federal investigation, including subpoena power, of what the Rick Snyder administration knew, and when, about the problems with lead and the new water supply to Flint.
- Nancy Kaffer opines about the state apology and that the resignation over Flint water is the first step.
- The recent scandal over lead-poisoning in the water in Flint prompted many of our communities to take a closer look at the issue. According to recent data, West Michigan neighborhoods are home to even higher levels of lead poisoning in kids than Flint.

- A former emergency management professional suspects levees are causing the Mississippi River to flood.
- With the country seemingly in a heightened state of alert, Michigan State Police are reminding local residents that they can play a critical role with the newly unveiled "If you see something, say something" campaign.

Analysis:

- Heavy coverage about Genesee County's request for a Governor's declaration.
- Concern about Flint residents obtaining the filters they need.
- Will continue to monitor the situation.

Flint Water 2

Snyder weighs declaring water emergency in Flint 2

Board declares state of emergency in Flint water crisis. 2

Emergency declaration for Flint headed to Gov. Snyder's desk. 3

Mother concerned, angry over continuing water crisis. 3

Flint water customers with overdue water bills, will now get more notice before a shutoff 3

Flint water filter use is low.. 4

Work continues on new Michigan water pipeline. 4

Kaffer: State apology, resignation over Flint water first step. 4

State employees who intentionally distort data could face jail time under a proposed law.. 5

Video: New calls for federal probe of Snyder admin in Flint water fiasco. 5

Data shows even higher lead poisoning in kids in West Michigan than Flint 5

Emergency Management and Homeland Security 5

Weather spotters serve as eyes and ears for meteorologists. 5

Levees among possible cause of more frequent flooding. 6

Ex-Macomb County PR rep arrested in child porn case. 6

Police ask citizens to report unusual activity. 6

An expert on right-wing terrorism explains the militia movement behind the Oregon takeover. 6

El Nino storms slam drought-parched California. 7

Michigan DNR Marks Busy 2015 With Several Successes. 7

Clare County Crews Work To Repair Gas Line. 7

National Weather Service Forecasts 7

Marquette. 7

Gaylord. 8

Detroit 8

Grand Rapids. 9

Northern Indiana. 9

Storm Prediction Center – Day 1 Outlook. 10

TV/Radio Clips 10

Flint Water Advisory Task Force speaks for first time. 10

Water shutoffs continue in Flint, Family suffers due to bad water. 10

City looking for help from president 11

Social Media 11

Twitter. 11

Facebook. 11

YouTube. 13

Undrinkable: Flint Water Emergency – Published January 4, 2016. 13

Flint Water Crisis – Published January 2, 2016. 13

FLINT WATER

Snyder weighs declaring water emergency in Flint

The Detroit News, January 4, 2016

Gov. Rick Snyder is considering whether to declare an emergency for Flint's contaminated water a week after apologizing to residents for the state's handling of Flint's water crisis.

But Michigan faces hurdles to getting federal relief, including forgiveness for state loans to Flint involving drinking-water infrastructure improvements that are covered by federal rules.

Even before any official declaration can be made, Snyder's office said Monday that state officials "are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control."

Board declares state of emergency in Flint water crisis

Detroit Free Press, January 4, 2016

Gov. Rick Snyder is gathering the information needed to formally declare a state of emergency in Flint over the water contamination issue, but in the meantime is "already recognizing this as an emergency," spokesman Dave Murray said Monday.

Murray made his comment after the Flint Journal reported the Genesee County Board of Commissioners declared a state of emergency Monday in Flint.

The board's action follows an emergency declaration by Flint Mayor Karen Weaver, who said she plans to meet this week with Snyder.

Specifics of the request are being worked out, but plans call for dealing with causes and effects of lead contamination. It's also part of the process for requesting federal assistance.

Emergency declaration for Flint headed to Gov. Snyder's desk

WJRT-TV 12 in Flint, January 4, 2016

An emergency declaration is heading to the Governor's desk.

The Genesee County Board of Commissioners signed off on the order Monday morning to try to secure federal money for Flint's fight on lead.

By declaring a state of emergency, city and county officials hope to secure federal funding to assist with the water emergency. The number they're asking for right now is \$45 million from Washington.

Mother concerned, angry over continuing water crisis

WNEM-TV 5, January 4, 2016

Keri Webber, summed up her feelings in as it relates to the city of Flint and its lead contaminated water: "We're terrified."

The mother of two daughters is fearful of what the future might bring.

"My girls are 15 and 20 and very close to their next birthday. We have no idea what this means long term for the reproduction," Webber said.

The emotions this family feels on a daily basis is over flowing

It started when experts discovered high levels of lead in the drinking water flowing from the tap at houses throughout this city. Webber said the added insult is paying for that water.

"Not even offended, I am angry. Our water bill last month was \$240 for what?" Webber said.

Webber's youngest daughter is 15. Victoria has had extreme complications due to lead poisoning, while her oldest Stephanie, 20, appears lead free. At least for now.

As a mother she wonders what will happen to them in a few years after having consumed lead-laced water?

"I know. There aren't words. We have fought for these kids," Webber said. "We didn't have these kids easy, it took us five years, protected them at every turn and handed them poison in a glass."

Flint water customers with overdue water bills, will now get more notice before a shutoff

WJRT-TV 12 in Flint, January 4, 2016

A Genesee County judge has clarified a ruling made last month regarding water shutoff notices for Flint residents.

Circuit Judge Archie Hayman is NOT blocking the city from issuing them for customers delinquent in paying bills since September.

That's when lower water and sewer rates were put into place after his ruling that deemed a 35-percent increase, illegal.

It's all tied to a class-action lawsuit against the city - involving Flint residents who believe they were wrongly over-charged.

Attorney Val Washington, who is representing them in the case, says the Judge is instead, requiring customers be given MORE notice - 90 days - before the city takes action with stopping service.

Notices began going out again last month.

Flint water filter use is low

WJRT-TV 12 in Flint, January 4, 2016

There's disturbing information that three months after a campaign began to make free water filters available to fight lead in Flint, many homes still do not have them.

The Genesee County Health department estimates 40 percent of homes have not yet installed the filters.

Dr. Mona Hanna-Attisha is the Hurley Medical Center pediatrician who discovered high lead levels in Flint children. She says too many parents are not making the effort to install the filters that can block lead in drinking water.

Hanna-Attisha says last month, all 54 families checked through a health program related to lead said they didn't have water filters in their homes.

We checked with adults picking up students at a Flint elementary school to see if they had filters in their homes.

"We're planning on it today because we just recently got it. The majority of people I know don't have them hooked up. Maybe they're just lazy," said Sameika Clayton.

"Well, I kind of just got mine because everyone was getting theirs in a certain order, or I couldn't really take off from work to go get it, so I just got mine," said Queda Wright.

"I got one just to keep the water pure even though we still drink bottled water," said Lemeer Bell.

You can pick up free water filters and replacement cartridges at two GCCARD offices in Flint and at the DHS offices in downtown Flint.

Call 211 for information on how you can receive a free water filter

Work continues on new Michigan water pipeline

Detroit Free Press, January 5, 2016

OREGON TOWNSHIP, Mich. — About 1,200 workers are taking advantage of the relatively mild winter to build the final portion of a new pipeline to bring water from Lake Huron to communities including Flint.

The Flint Journal reports the \$285 million Karegnondi Water Authority project is on track.

Crews are burying the 66-inch-diameter pipeline on a path that starts with an intake at Lake Huron. Sections under construction include parts of Sanilac and Lapeer counties. A \$71 million water treatment plant is being built in Oregon Township.

Flint switched from Detroit's water system in 2014 to Flint River water in a cost-cutting move ahead of the Karegnondi project's completion. Residents complained about the taste, smell and appearance, and children were found to have elevated blood-lead levels. Flint returned to Detroit's system in October.

Kaffer: State apology, resignation over Flint water first step

Detroit Free Press, January 5, 2016

In the quiet week between Christmas and New Year's Day, Michigan Department of Environmental Quality chief Dan Wyant resigned, followed quickly by department spokesman Brad Wurfel.

And Gov. Rick Snyder — finally — apologized for what happened in Flint.

For 18 months, Flint residents were exposed to lead-contaminated drinking water, after the city — while under state oversight and with MDEQ approval — began to draw its drinking water from the Flint River. Since the switch, an increasing percentage of Flint kids have elevated blood-lead levels. Lead poisoning causes irreversible behavioral and developmental difficulties.

So this apology, and these resignations, represent a sea change. But it's not enough.

For months, Snyder and his MDEQ attempted to dodge the reality that state policy wrought in the City of Flint. As reports, based not only on data compiled or gathered by outside researchers and journalists but on the state's own information, began to explain what was happening, Snyder's spokespeople and MDEQ officials worked to deflect, discredit and deny.

State employees who intentionally distort data could face jail time under a proposed law

Michigan Radio, January 5, 2016

A state lawmaker wants to make it a felony for state employees to manipulate data in official reports.

State Representative Phil Phelps, D-Flushing, says there's no law on the books to punish state employees who intentionally distort data to change the outcome of an official report.

Critics claim that's what happened with state reports that downplayed problems with Flint's drinking water after the 2014 switch to the city's namesake river. If that's what happened, Phelps says that should be against the law.

"If that was proven to be manipulation of data or removing data that changed the outcome, it could be subject to a five year felony," says Phelps.

Video: New calls for federal probe of Snyder admin in Flint water fiasco

MSNBC (Rachel Maddow Show), January 4, 2016

Bryn Mickle, Flint Journal/MLive editor, talks with Rachel Maddow about why his organization is calling for a federal investigation, including subpoena power, of what the Rick Snyder administration knew, and when, about the problems with lead and the new water supply to Flint.

Data shows even higher lead poisoning in kids in West Michigan than Flint

Fox 17 in Grand Rapids, January 5, 2016

GRAND RAPIDS, Mich. — The recent scandal over lead-poisoning in the water in Flint prompted many of our communities to take a closer look at the issue. According to recent data, West Michigan neighborhoods are home to even higher levels of lead poisoning in kids than Flint.

The problem in Flint was so bad it forced the head of Michigan's Department of Environmental Quality to quit last week. Yet as this crisis continues, data shows the problem is broader than the Flint area.

In a recent report, The Center for Michigan, a think tank promoting awareness of public policy issues, cited evidence that among five Grand Rapids' zip codes alone, nearly one in 10 kids tested positive for lead poisoning.

"In Grand Rapids, it's collectively between those zip codes, it's 10 percent," said Paul Haan, executive director with the Healthy Homes Coalition of West Michigan. "We're four times the national level of kids with that low to moderate to even high level of lead poison."

EMERGENCY MANAGEMENT AND HOMELAND SECURITY

Weather spotters serve as eyes and ears for meteorologists

Port Huron Times Herald, January 4, 2016

Stan Arnett has been tracking severe weather for at least three decades.

The 70-year-old Marysville man is one of about 50 trained weather spotters in St. Clair County.

Arnett said it was something he started doing through his love of amateur radio.

"A long time ago I was interested in the magic of communicating around the world or even locally on two-way radios," he said.

Now he uses that hobby to talk to people around the world and help meteorologists determine if severe weather warnings need to be issued.

"Any severe weather ... anything that significantly impacts citizenry," is reported, Arnett said. "It's just something I can do."

Rich Pollman, the warning coordination meteorologist at the National Weather Service White Lake office, said about half of the 5,000 spotters in the 17-county region are ham radio operators.

Levees among possible cause of more frequent flooding

Associated Press, January 5, 2016

The Mississippi River floods more often than it used to, and at higher levels. Richard Knaup thinks he knows why.

The veteran emergency management director for southeast Missouri's Cape Girardeau County is fighting floods again, just as he did last year, and the year before that, and the year before that.

"Prior to levee building, the river was a wild thing and it spread out between the river bluffs," Knaup said Monday. "Now we've tried to tame it. Mother Nature and Old Man River will fight back."

Ex-Macomb County PR rep arrested in child porn case

Detroit Free Press, January 4, 2016

A former spokesman for Macomb County government, the Detroit International Bridge Co. and Cobo Center who is well-known in metro Detroit public relations and media circles has been arrested on child porn charges by the Macomb County Sheriff's Office.

Philip William Frame, 61, of Shelby Township is charged with five counts of possession of child sexually abusive material, a four-year felony; one count of using a computer to commit a crime, a seven-year crime, and a misdemeanor charge for possessing marijuana, the Sheriff's Office said today.

He was arrested and then released Saturday from the Macomb County Jail after posting a \$10,000 cash or surety interim bond. He was formally arraigned today, where the same bond was continued. His next court date is Jan. 19.

Police ask citizens to report unusual activity

Soo Evening News, January 5, 2016

With the country seemingly in a heightened state of alert, Michigan State Police are reminding local residents that they can play a critical role with the newly unveiled "If you see something, say something" campaign.

"Homeland security starts with hometown security and our citizens know their neighborhoods, schools and work places better than anyone," said F/Lt. Joe Shier of the St. Ignace Post. "If something appears suspicious or out of place, don't hesitate to report it to law enforcement."

An expert on right-wing terrorism explains the militia movement behind the Oregon takeover

Vox, January 5, 2016

A group of armed activists calling itself Citizens for Constitutional Freedom took over a federal building on the Malheur National Wildlife Refuge near Burns, Oregon, on Saturday, saying they were protesting the tyranny of the federal government.

The militants have called for others throughout the US to come and join their fight. They're tapping into a growing trend: the number of unorganized militias in the US has increased 37 percent in the past year, according to the Southern Poverty Law Center.

Daryl Johnson saw this coming. In 2009, as an analyst at the Department of Homeland Security, Johnson wrote a report arguing that the economic downturn and the election of the first black president could fuel a new wave of anti-government violence from extreme right-wing groups.

His report was later leaked, provoking widespread outrage from conservatives. Johnson left DHS in 2010. But his analysis proved correct. The number of anti-government militias grew ninefold between 2008 and 2011, and after a brief period of decline, is now growing again.

El Nino storms slam drought-parched California

Associated Press, January 5, 2016

A strong storm was forecast for Northern California, prompting officials to issue flash flood watches for several rural areas hit by last year's wildfires.

El Nino storms lined up over the Pacific started soaking California with light rain Monday but a series of stronger systems are expected to arrive starting Tuesday, forecasters said.

The National Weather Service issued a flash-flood watch for Northern California communities affected by several destructive wildfires last summer and fall.

Michigan DNR Marks Busy 2015 With Several Successes

Ammoland, January 5, 2016

When wildfires raged this season in western states – and a Canadian province – the Michigan DNR was quick to put a fireman to work on putting out a hot spot on the Marquette County Road 601 fire. The fireman was among several sent to Manitoba this past summer. respond. This year, 54 individuals traveled to hot zones in Alaska, California, Idaho, Manitoba, Montana, Oregon and Washington, taking on 16 different overhead positions from fire-line leadership to command staff and hand crews. There were a total of 58 dispatches (or assignments), each one lasting roughly two weeks.

“Cooperative efforts are key to protecting people, property and resources statewide as well as nationally,” said Paul Kollmeyer, DNR resource protection section manager. “We are proud that our firefighters have the necessary skills to assist with emergency situations in other states.”

Kollmeyer said that while DNR firefighters are providing assistance out west or in other locations, Michigan remains adequately staffed to handle any fire incident that might start here at home. When sending staff on out-of-state firefighting assignments, the state of Michigan is fully reimbursed for all costs associated with providing that support.

Clare County Crews Work To Repair Gas Line

9 and 10 News, January 5, 2016

Construction crews in the city of Clare hit a gas line while working near an old car dealership.

Clare County's emergency manager says the crew hit a line at an old Ford dealership at the south end of Clare.

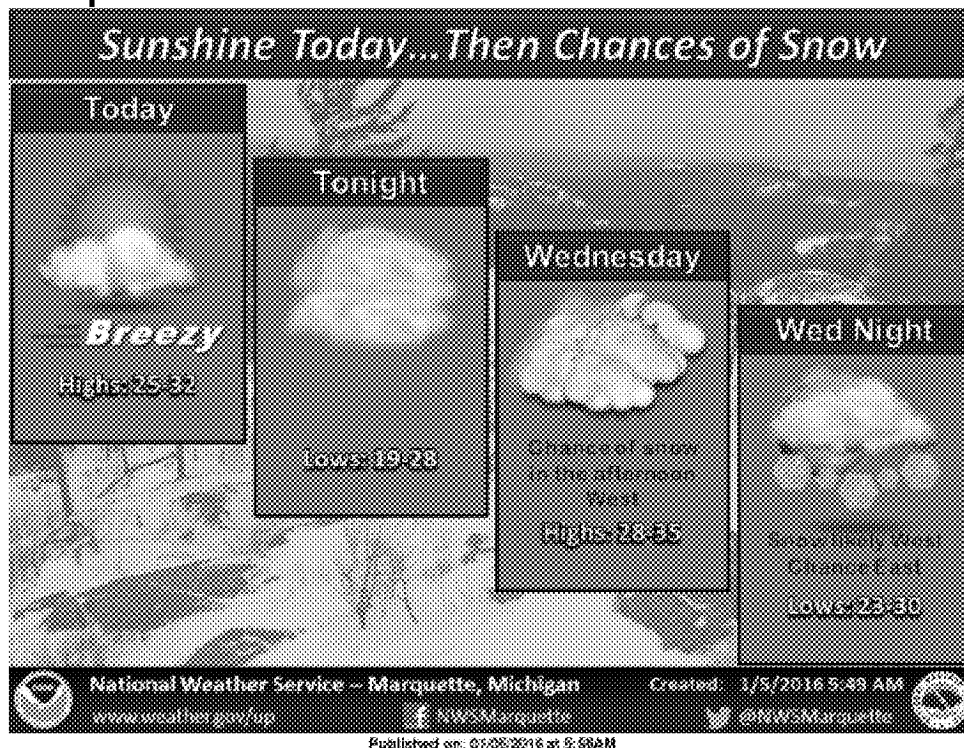
The Admiral Gas Station next to the old car dealership was quickly evacuated.

The street was blocked off between McEwan and Clare streets while crews worked to repair the line, but has since been reopened.

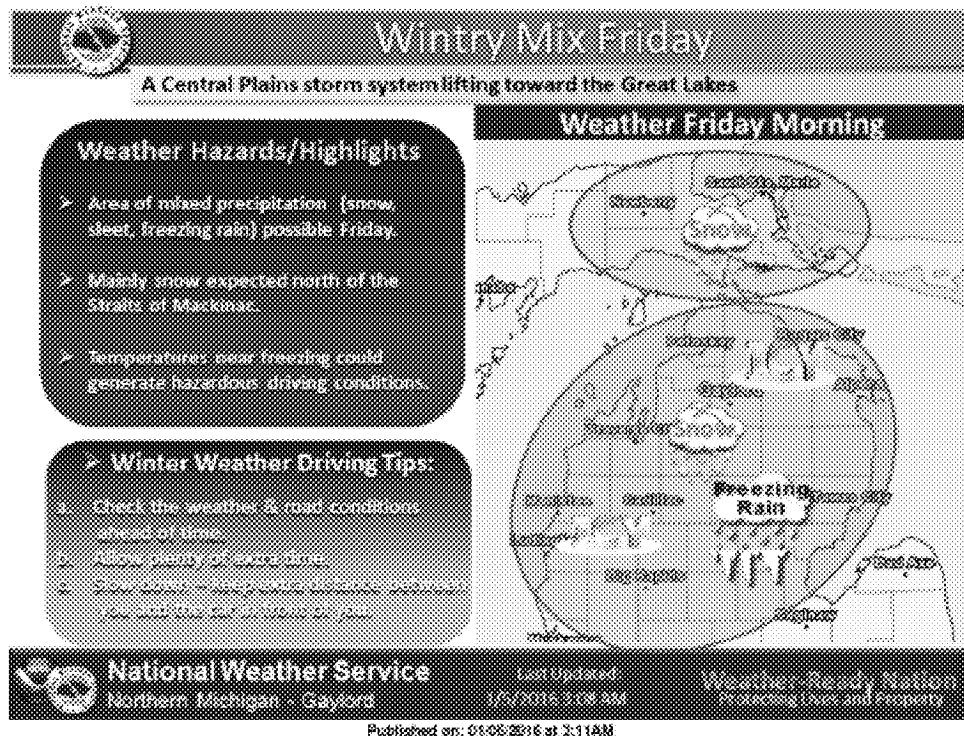
We have a crew heading to Clare and will have the latest updates on the gas leak on air and online.

NATIONAL WEATHER SERVICE FORECASTS

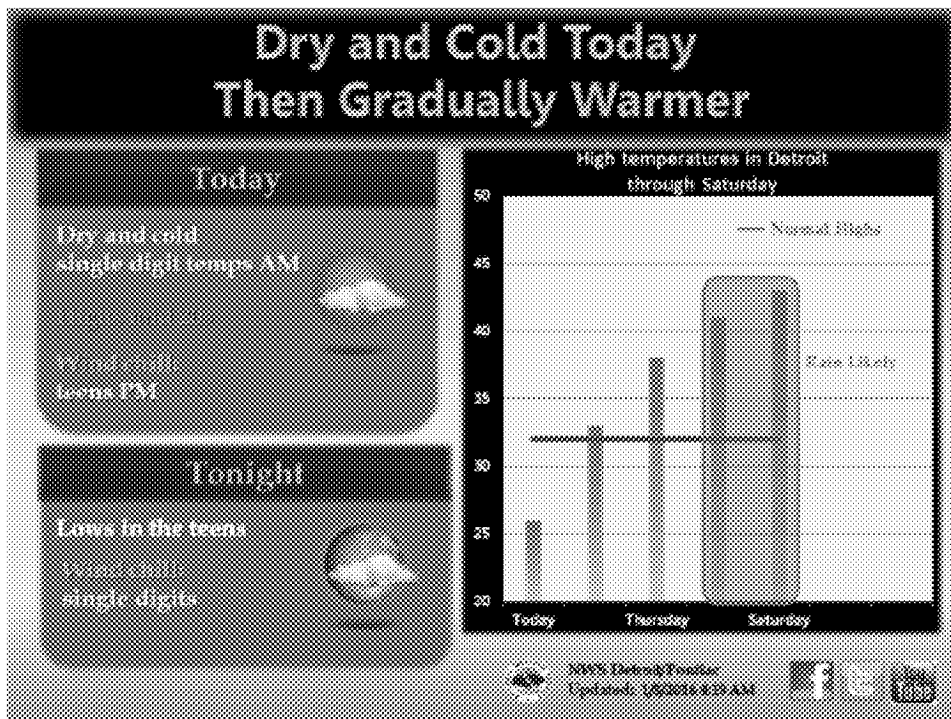
Marquette



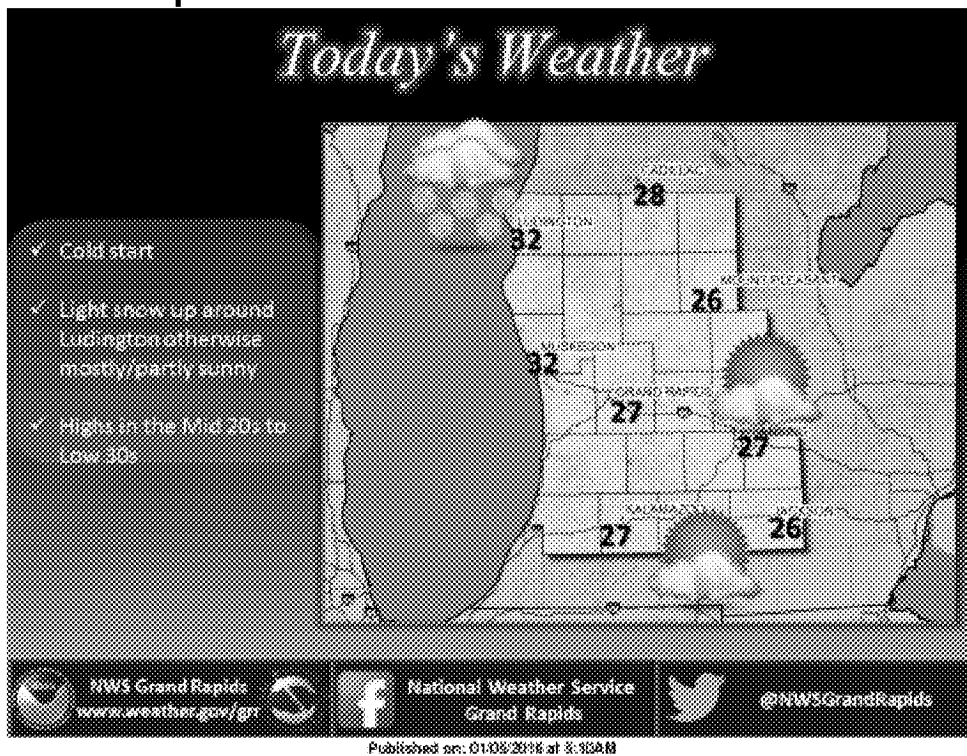
Gaylord



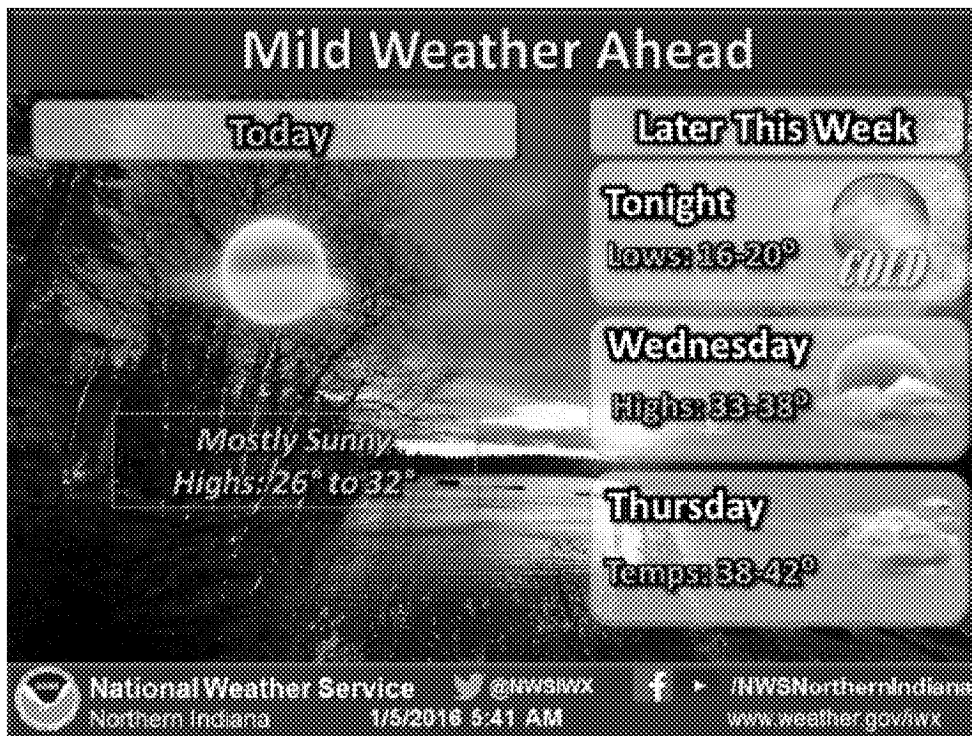
Detroit



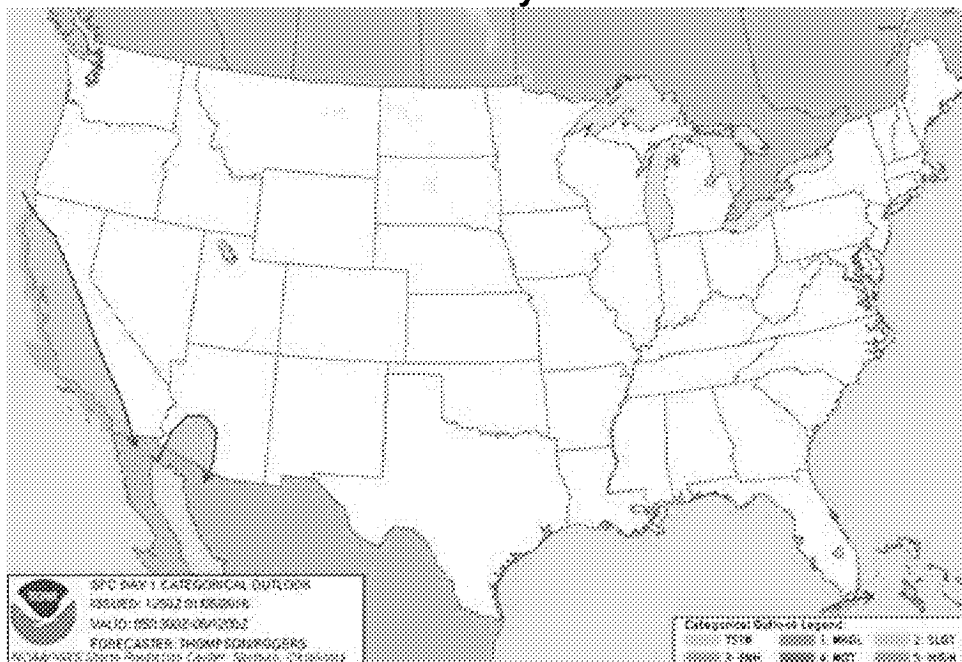
Grand Rapids



Northern Indiana



Storm Prediction Center – Day 1 Outlook



TV/RADIO CLIPS

Flint Water Advisory Task Force speaks for first time

WJRT-TV 12 in Flint, January 4, 2016

<http://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=4b889484-6013-4380-827D-DC528D723DD9>

Water shutoffs continue in Flint, Family suffers due to bad water

WNEM-TV 5 in Flint, January 4, 2016

<http://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=e91aa10a-58d9-4cef-a3e3-07729d9ee7df>

City looking for help from president

WJRT-TV 12 in Flint, January 4, 2015

<http://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=9a36a4a2-71c0-43ef-a581-f9696a80026d>

SOCIAL MEDIA

Twitter



Flint Water Study @flintwaterstudy

Hint: The answer is 'Yes' twitter.com/flintjournal/s...



Matthew Elliot @mattbastard

Essential #FlintWaterCrisis round-up, especially for those not in the proverbial 'know'.
[blog.seattlepi.com/videoblogging/...](http://blog.seattlepi.com/videoblogging/)

Facebook



The Rachel Maddow Show

14 hrs ·

Rachel Maddow is back in the hosting seat tonight!

Tonight we'll get the latest as the Flint mayor's declaration of emergency heads to Governor Snyder's office.

In case you missed it over the holidays, the previous update in the Flint water story was that Governor Snyder apologized for the crisis and announced the resignation of the state's environmental chief.

<http://on.msnbc.com/1PcanXO>



Audrey Mitten

10 mins ·

If you were compelled by "Making a Murderer" on Netflix, you'll be fascinated by "Making Flint's Poisoned Water and Looking the Other Way" by the State of Michigan.

A must see/read.

Quite the chain of events, but not yet a Federal emergency.

theguardian.com/us-news/2015/dec/30/michigan-governor-rick-s...



Theo White

4 hrs ·

You have heard the news. Even still, watch this video. Just at least the first three minutes. After you start its hard to stop.

Then ask yourself a few questions.

1. Did I vote in last year's Election that got Rick Snyder re-elected?
2. (If No) Do I feel like a complete idiot for not using my valuable vote to keep this guy from destroying the city of Flint as well as the rest of our state?
3. (If Yes) Who did I vote for again?
4. (If Yes, and you voted Snyder) What makes me so dumb? Is it that my parents raised me to vote biasedly on their own views, and I blindly helped elect a scumbag?
5. (If Yes, and you didn't vote Snyder) How could I have helped keep him from being elected in the first place when there are so many biased idiots who's biased political views come from their parents? Why aren't there more citizens voting?
6. How can I get this guy out of office



Jon Gersier

8 hrs ·

Let me just say that in this new year, 2016, is a Presidential Election year. This issue of Flint's contaminated water supply is a direct result of "you get who you vote for". Gov. Snyder, a republican is where the buck stops. He is the one who appointed the special manager to take over Flint's government from the officials those very people elected. Shame on the republicans! Remember - you get who you vote for!!!
Poor Flint!

freep.com/story/news/local/michigan/2016/01/04/board-declare...



ABC 12: Your Trusted Source! WJRT-TV

13 hrs ·

There's disturbing information that three months after a campaign began to make free water filters available to fight lead in Flint, many homes still do not have them. #FlintWater



Andrew Heller

8 mins ·

Nice job, Bryn Mickle. Very succinctly put.

msnbc.com/rachel-maddow/watch/federal-probe-of-flint-water-f...

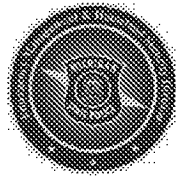
YouTube

Undrinkable: Flint Water Emergency – Published January 4, 2016

<https://www.youtube.com/watch?v=TA53UEr2vaQ>

Flint Water Crisis – Published January 2, 2016

<https://youtu.be/mgDsnTTOg-k>



MEDIA MONITORING REPORT

1/5/2016

Issues:

- No issues to report.

Summary:

- Gov. Rick Snyder is considering whether to declare an emergency for Flint's contaminated water a week after apologizing to residents for the state's handling of Flint's water crisis.
- Gov. Rick Snyder is gathering the information needed to formally declare a state of emergency in Flint over the water contamination issue, but in the meantime is "already recognizing this as an emergency," spokesman Dave Murray said Monday.
- Keri Webber, summed up her feelings in as it relates to the city of Flint and its lead contaminated water: "We're terrified."
- A Genesee County judge has clarified a ruling made last month regarding water shutoff notices for Flint residents.
- The Genesee County Health department estimates 40 percent of homes have not yet installed the filters.
- About 1,200 workers are taking advantage of the relatively mild winter to build the final portion of a new pipeline to bring water from Lake Huron to communities including Flint.
- Bryn Mickle, Flint Journal/MLive editor, talks with Rachel Maddow about why his organization is calling for a federal investigation, including subpoena power, of what the Rick Snyder administration knew, and when, about the problems with lead and the new water supply to Flint.
- Nancy Kaffer opines about the state apology and that the resignation over Flint water is the first step.
- The recent scandal over lead-poisoning in the water in Flint prompted many of our communities to take a closer look at the issue. According to recent data, West Michigan neighborhoods are home to even higher levels of lead poisoning in kids than Flint.
- A former emergency management professional suspects levees are causing the Mississippi River to flood.
- With the country seemingly in a heightened state of alert, Michigan State Police are reminding local residents that they can play a critical role with the newly unveiled "If you see something, say something" campaign.

Analysis:

- Heavy coverage about Genesee County's request for a Governor's declaration.
- Concern about Flint residents obtaining the filters they need.
- Will continue to monitor the situation.

Flint Water	2
Snyder weighs declaring water emergency in Flint	2
Board declares state of emergency in Flint water crisis.....	2
Emergency declaration for Flint headed to Gov. Snyder's desk	3
Mother concerned, angry over continuing water crisis	3

Flint water customers with overdue water bills, will now get more notice before a shutoff	3
Flint water filter use is low	4
Work continues on new Michigan water pipeline.....	4
Kaffer: State apology, resignation over Flint water first step	4
State employees who intentionally distort data could face jail time under a proposed law	5
Video: New calls for federal probe of Snyder admin in Flint water fiasco	5
Data shows even higher lead poisoning in kids in West Michigan than Flint.....	5
Emergency Management and Homeland Security	5
Weather spotters serve as eyes and ears for meteorologists.....	5
Levees among possible cause of more frequent flooding	6
Ex-Macomb County PR rep arrested in child porn case	6
Police ask citizens to report unusual activity	6
An expert on right-wing terrorism explains the militia movement behind the Oregon takeover	6
El Nino storms slam drought-parched California.....	7
Michigan DNR Marks Busy 2015 With Several Successes.....	7
Clare County Crews Work To Repair Gas Line	7
National Weather Service Forecasts	7
Marquette	7
Gaylord	8
Detroit.....	8
Grand Rapids	9
Northern Indiana	9
Storm Prediction Center – Day 1 Outlook.....	10
TV/Radio Clips.....	10
Flint Water Advisory Task Force speaks for first time	10
Water shutoffs continue in Flint, Family suffers due to bad water.....	10
City looking for help from president.....	11
Social Media	11
Twitter	11
Facebook.....	11
YouTube	13
Undrinkable: Flint Water Emergency – Published January 4, 2016.....	13
Flint Water Crisis – Published January 2, 2016.....	13

FLINT WATER

Snyder weighs declaring water emergency in Flint

The Detroit News, January 4, 2016

Gov. Rick Snyder is considering whether to declare an emergency for Flint's contaminated water a week after apologizing to residents for the state's handling of Flint's water crisis.

But Michigan faces hurdles to getting federal relief, including forgiveness for state loans to Flint involving drinking-water infrastructure improvements that are covered by federal rules.

Even before any official declaration can be made, Snyder's office said Monday that state officials "are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control."

Board declares state of emergency in Flint water crisis

Detroit Free Press, January 4, 2016

Gov. Rick Snyder is gathering the information needed to formally declare a state of emergency in Flint over the water contamination issue, but in the meantime is "already recognizing this as an emergency," spokesman Dave Murray said Monday.

Murray made his comment after the Flint Journal reported the Genesee County Board of Commissioners declared a state of emergency Monday in Flint.

The board's action follows an emergency declaration by Flint Mayor Karen Weaver, who said she plans to meet this week with Snyder.

Specifics of the request are being worked out, but plans call for dealing with causes and effects of lead contamination. It's also part of the process for requesting federal assistance.

Emergency declaration for Flint headed to Gov. Snyder's desk

WJRT-TV 12 in Flint, January 4, 2016

An emergency declaration is heading to the Governor's desk.

The Genesee County Board of Commissioners signed off on the order Monday morning to try to secure federal money for Flint's fight on lead.

By declaring a state of emergency, city and county officials hope to secure federal funding to assist with the water emergency. The number they're asking for right now is \$45 million from Washington.

Mother concerned, angry over continuing water crisis

WNEM-TV 5, January 4, 2016

Keri Webber, summed up her feelings in as it relates to the city of Flint and its lead contaminated water: "We're terrified."

The mother of two daughters is fearful of what the future might bring.

"My girls are 15 and 20 and very close to their next birthday. We have no idea what this means long term for the reproduction," Webber said.

The emotions this family feels on a daily basis is over flowing

It started when experts discovered high levels of lead in the drinking water flowing from the tap at houses throughout this city. Webber said the added insult is paying for that water.

"Not even offended, I am angry. Our water bill last month was \$240 for what?" Webber said.

Webber's youngest daughter is 15. Victoria has had extreme complications due to lead poisoning, while her oldest Stephanie, 20, appears lead free. At least for now.

As a mother she wonders what will happen to them in a few years after having consumed lead-laced water?

"I know. There aren't words. We have fought for these kids," Webber said. "We didn't have these kids easy, it took us five years, protected them at every turn and handed them poison in a glass."

Flint water customers with overdue water bills, will now get more notice before a shutoff

WJRT-TV 12 in Flint, January 4, 2016

A Genesee County judge has clarified a ruling made last month regarding water shutoff notices for Flint residents.

Circuit Judge Archie Hayman is NOT blocking the city from issuing them for customers delinquent in paying bills since September.

That's when lower water and sewer rates were put into place after his ruling that deemed a 35-percent increase, illegal.

It's all tied to a class-action lawsuit against the city - involving Flint residents who believe they were wrongly over-charged.

Attorney Val Washington, who is representing them in the case, says the Judge is instead, requiring customers be given MORE notice - 90 days - before the city takes action with stopping service.

Notices began going out again last month.

Flint water filter use is low

WJFT-TV 12 in Flint, January 4, 2016

There's disturbing information that three months after a campaign began to make free water filters available to fight lead in Flint, many homes still do not have them.

The Genesee County Health department estimates 40 percent of homes have not yet installed the filters.

Dr. Mona Hanna-Attisha is the Hurley Medical Center pediatrician who discovered high lead levels in Flint children. She says too many parents are not making the effort to install the filters that can block lead in drinking water.

Hanna-Attisha says last month, all 54 families checked through a health program related to lead said they didn't have water filters in their homes.

We checked with adults picking up students at a Flint elementary school to see if they had filters in their homes.

"We're planning on it today because we just recently got it. The majority of people I know don't have them hooked up. Maybe they're just lazy," said Sameika Clayton.

"Well, I kind of just got mine because everyone was getting theirs in a certain order, or I couldn't really take off from work to go get it, so I just got mine," said Queda Wright.

"I got one just to keep the water pure even though we still drink bottled water," said Lemeer Bell.

You can pick up free water filters and replacement cartridges at two GCCARD offices in Flint and at the DHS offices in downtown Flint.

Call 211 for information on how you can receive a free water filter

Work continues on new Michigan water pipeline

Detroit Free Press, January 5, 2016

OREGON TOWNSHIP, Mich. — About 1,200 workers are taking advantage of the relatively mild winter to build the final portion of a new pipeline to bring water from Lake Huron to communities including Flint.

The Flint Journal reports the \$285 million Karegnondi Water Authority project is on track.

Crews are burying the 66-inch-diameter pipeline on a path that starts with an intake at Lake Huron. Sections under construction include parts of Sanilac and Lapeer counties. A \$71 million water treatment plant is being built in Oregon Township.

Flint switched from Detroit's water system in 2014 to Flint River water in a cost-cutting move ahead of the Karegnondi project's completion. Residents complained about the taste, smell and appearance, and children were found to have elevated blood-lead levels. Flint returned to Detroit's system in October.

Kaffer: State apology, resignation over Flint water first step

Detroit Free Press, January 5, 2016

In the quiet week between Christmas and New Year's Day, Michigan Department of Environmental Quality chief Dan Wyant resigned, followed quickly by department spokesman Brad Wurfel.

And Gov. Rick Snyder — finally — apologized for what happened in Flint.

For 18 months, Flint residents were exposed to lead-contaminated drinking water, after the city — while under state oversight and with MDEQ approval — began to draw its drinking water from the Flint River. Since the switch, an increasing percentage of Flint kids have elevated blood-lead levels. Lead poisoning causes irreversible behavioral and developmental difficulties.

So this apology, and these resignations, represent a sea change. But it's not enough.

For months, Snyder and his MDEQ attempted to dodge the reality that state policy wrought in the City of Flint. As reports, based not only on data compiled or gathered by outside researchers and journalists but on the state's own information, began to explain what was happening, Snyder's spokespeople and MDEQ officials worked to deflect, discredit and deny.

State employees who intentionally distort data could face jail time under a proposed law

Michigan Radio, January 5, 2016

A state lawmaker wants to make it a felony for state employees to manipulate data in official reports.

State Representative Phil Phelps, D-Flushing, says there's no law on the books to punish state employees who intentionally distort data to change the outcome of an official report.

Critics claim that's what happened with state reports that downplayed problems with Flint's drinking water after the 2014 switch to the city's namesake river. If that's what happened, Phelps says that should be against the law.

"If that was proven to be manipulation of data or removing data that changed the outcome, it could be subject to a five year felony," says Phelps.

Video: New calls for federal probe of Snyder admin in Flint water fiasco

MSNBC (Rachel Maddow Show), January 4, 2016

Bryn Mickle, Flint Journal/MLive editor, talks with Rachel Maddow about why his organization is calling for a federal investigation, including subpoena power, of what the Rick Snyder administration knew, and when, about the problems with lead and the new water supply to Flint.

Data shows even higher lead poisoning in kids in West Michigan than Flint

Fox 17 in Grand Rapids, January 5, 2016

GRAND RAPIDS, Mich. – The recent scandal over lead-poisoning in the water in Flint prompted many of our communities to take a closer look at the issue. According to recent data, West Michigan neighborhoods are home to even higher levels of lead poisoning in kids than Flint.

The problem in Flint was so bad it forced the head of Michigan's Department of Environmental Quality to quit last week. Yet as this crisis continues, data shows the problem is broader than the Flint area.

In a recent report, The Center for Michigan, a think tank promoting awareness of public policy issues, cited evidence that among five Grand Rapids' zip codes alone, nearly one in 10 kids tested positive for lead poisoning.

"In Grand Rapids, it's collectively between those zip codes, it's 10 percent," said Paul Haan, executive director with the Healthy Homes Coalition of West Michigan. "We're four times the national level of kids with that low to moderate to even high level of lead poison."

EMERGENCY MANAGEMENT AND HOMELAND SECURITY

Weather spotters serve as eyes and ears for meteorologists

Port Huron Times Herald, January 4, 2016

Stan Arnett has been tracking severe weather for at least three decades.

The 70-year-old Marysville man is one of about 50 trained weather spotters in St. Clair County.

Arnett said it was something he started doing through his love of amateur radio.

"A long time ago I was interested in the magic of communicating around the world or even locally on two-way radios," he said.

Now he uses that hobby to talk to people around the world and help meteorologists determine if severe weather warnings need to be issued.

"Any severe weather ... anything that significantly impacts citizenry," is reported, Arnett said. "It's just something I can do."

Rich Pollman, the warning coordination meteorologist at the National Weather Service White Lake office, said about half of the 5,000 spotters in the 17-county region are ham radio operators.

Levees among possible cause of more frequent flooding

Associated Press, January 5, 2016

The Mississippi River floods more often than it used to, and at higher levels. Richard Knaup thinks he knows why.

The veteran emergency management director for southeast Missouri's Cape Girardeau County is fighting floods again, just as he did last year, and the year before that, and the year before that.

"Prior to levee building, the river was a wild thing and it spread out between the river bluffs," Knaup said Monday. "Now we've tried to tame it. Mother Nature and Old Man River will fight back."

Ex-Macomb County PR rep arrested in child porn case

Detroit Free Press, January 4, 2016

A former spokesman for Macomb County government, the Detroit International Bridge Co. and Cobo Center who is well-known in metro Detroit public relations and media circles has been arrested on child porn charges by the Macomb County Sheriff's Office.

Philip William Frame, 61, of Shelby Township is charged with five counts of possession of child sexually abusive material, a four-year felony; one count of using a computer to commit a crime, a seven-year crime, and a misdemeanor charge for possessing marijuana, the Sheriff's Office said today.

He was arrested and then released Saturday from the Macomb County Jail after posting a \$10,000 cash or surety interim bond. He was formally arraigned today, where the same bond was continued. His next court date is Jan. 19.

Police ask citizens to report unusual activity

Soo Evening News, January 5, 2016

With the country seemingly in a heightened state of alert, Michigan State Police are reminding local residents that they can play a critical role with the newly unveiled "If you see something, say something" campaign.

"Homeland security starts with hometown security and our citizens know their neighborhoods, schools and work places better than anyone," said F/Lt. Joe Shier of the St. Ignace Post. "If something appears suspicious or out of place, don't hesitate to report it to law enforcement."

An expert on right-wing terrorism explains the militia movement behind the Oregon takeover

Vox, January 5, 2016

A group of armed activists calling itself Citizens for Constitutional Freedom took over a federal building on the Malheur National Wildlife Refuge near Burns, Oregon, on Saturday, saying they were protesting the tyranny of the federal government.

The militants have called for others throughout the US to come and join their fight. They're tapping into a growing trend: the number of unorganized militias in the US has increased 37 percent in the past year, according to the Southern Poverty Law Center.

Daryl Johnson saw this coming. In 2009, as an analyst at the Department of Homeland Security, Johnson wrote a report arguing that the economic downturn and the election of the first black president could fuel a new wave of anti-government violence from extreme right-wing groups.

His report was later leaked, provoking widespread outrage from conservatives. Johnson left DHS in 2010. But his analysis proved correct. The number of anti-government militias grew ninefold between 2008 and 2011, and after a brief period of decline, is now growing again.

El Nino storms slam drought-parched California

Associated Press, January 5, 2016

A strong storm was forecast for Northern California, prompting officials to issue flash flood watches for several rural areas hit by last year's wildfires.

El Nino storms lined up over the Pacific started soaking California with light rain Monday but a series of stronger systems are expected to arrive starting Tuesday, forecasters said.

The National Weather Service issued a flash-flood watch for Northern California communities affected by several destructive wildfires last summer and fall.

Michigan DNR Marks Busy 2015 With Several Successes

Ammoland, January 5, 2016

When wildfires raged this season in western states – and a Canadian province – the Michigan DNR was quick to put a fireman to work on putting out a hot spot on the Marquette County Road 601 fire. The fireman was among several sent to Manitoba this past summer. respond. This year, 54 individuals traveled to hot zones in Alaska, California, Idaho, Manitoba, Montana, Oregon and Washington, taking on 16 different overhead positions from fire-line leadership to command staff and hand crews. There were a total of 58 dispatches (or assignments), each one lasting roughly two weeks.

“Cooperative efforts are key to protecting people, property and resources statewide as well as nationally,” said Paul Kollmeyer, DNR resource protection section manager. “We are proud that our firefighters have the necessary skills to assist with emergency situations in other states.”

Kollmeyer said that while DNR firefighters are providing assistance out west or in other locations, Michigan remains adequately staffed to handle any fire incident that might start here at home. When sending staff on out-of-state firefighting assignments, the state of Michigan is fully reimbursed for all costs associated with providing that support.

Clare County Crews Work To Repair Gas Line

9 and 10 News, January 5, 2016

Construction crews in the city of Clare hit a gas line while working near an old car dealership.

Clare County's emergency manager says the crew hit a line at an old Ford dealership at the south end of Clare.

The Admiral Gas Station next to the old car dealership was quickly evacuated.

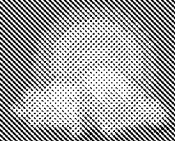
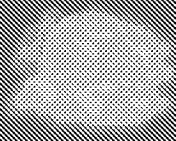

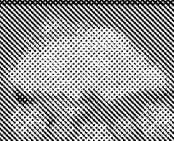
The street was blocked off between McEwan and Clare streets while crews worked to repair the line, but has since been reopened.

We have a crew heading to Clare and will have the latest updates on the gas leak on air and online.

NATIONAL WEATHER SERVICE FORECASTS


Marquette

Sunshine Today...Then Chances of Snow

Today	Tonight	Wednesday	Wed Night
 <p>Breezy</p> <p>Highs: 25-32</p>	 <p>Lows: 19-28</p>	 <p>Chance of snow with a chance of rain or sleet</p> <p>Highs: 28-35</p>	 <p>Chance of snow with a chance of rain or sleet</p> <p>Lows: 23-30</p>

National Weather Service ~ Marquette, Michigan
www.weather.gov/lp @NWSMarquette

Created: 1/5/2016 5:49 AM



Wintry Mix Friday

A Central Plains storm system lifting toward the Great Lakes

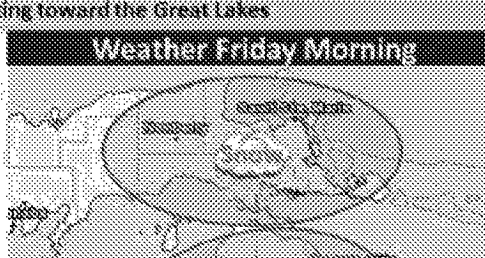
Weather Hazards/Highlights


- Area of mixed precipitation (snow, sleet, freezing rain) possible Friday
- Mainly snow expected north of the State of Michigan.
- Temperatures near freezing could generate hazardous driving conditions.

Winter Weather Driving Tips:

1. Check the weather & road conditions ahead of time.
2. Allow plenty of extra time.
3. Slow down – take extra distance between you and the car in front of you.

Weather Friday Morning





National Weather Service

Northern Michigan – Gaylord

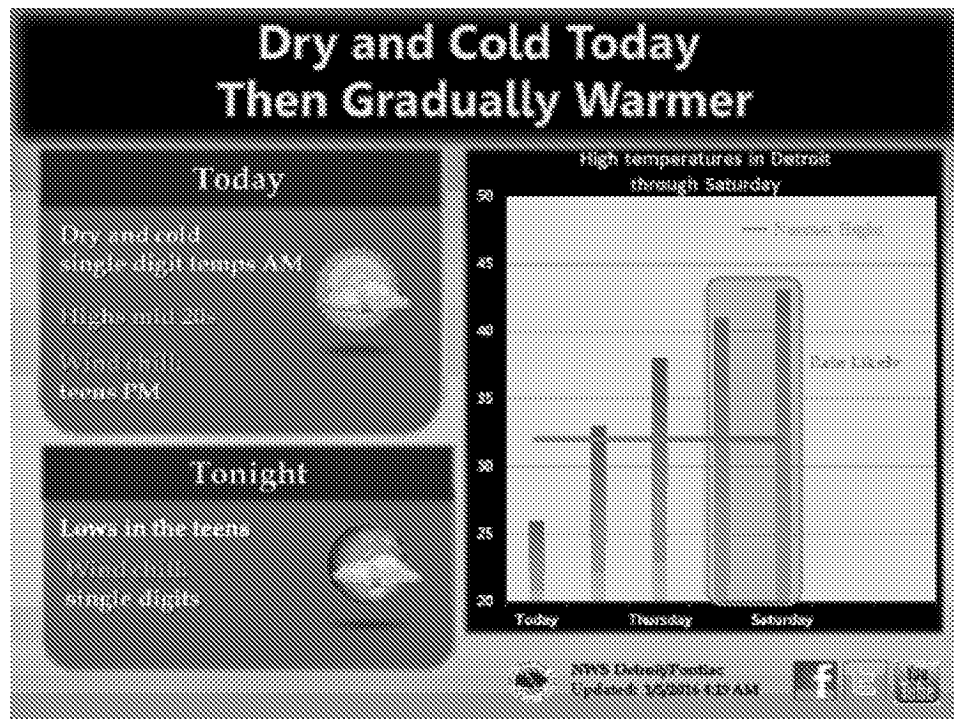
Last updated:
1/5/2016 1:08 AM

Weather-Ready Nation

Protecting Lives and Property

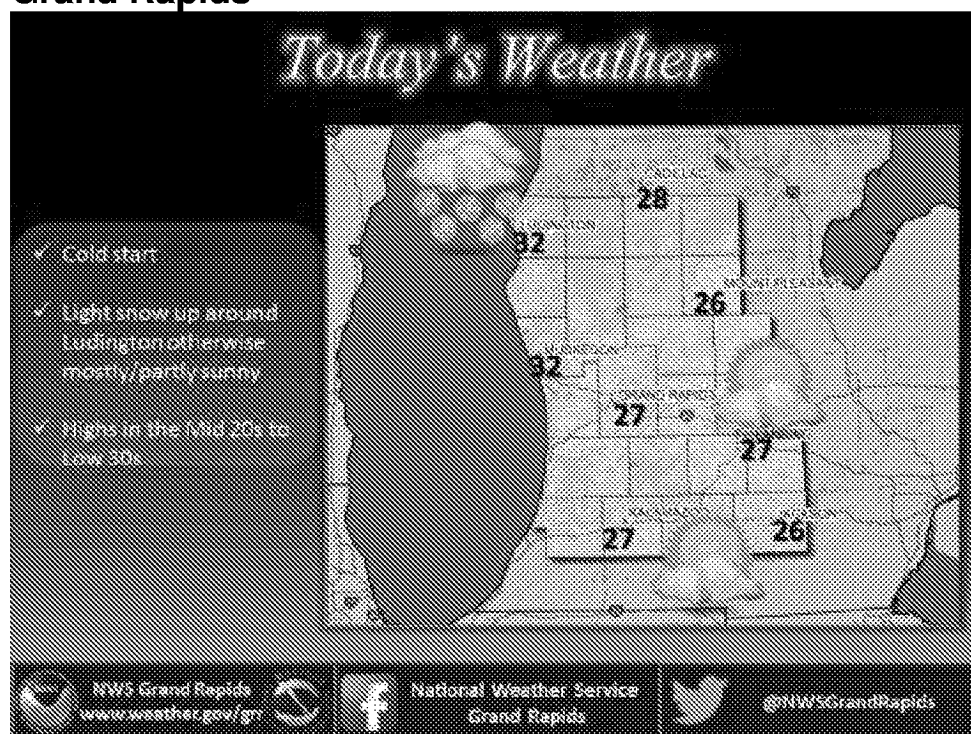
Published on: 01/05/2016 at 3:11 AM

8



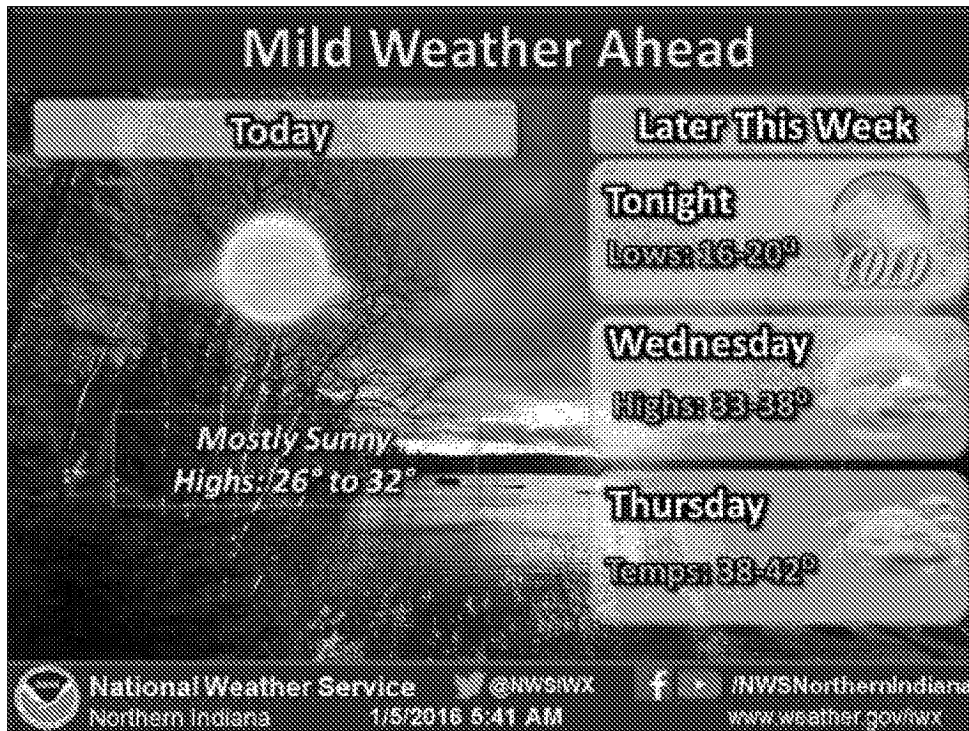
Published on: 01/05/2016 at 4:21AM

Grand Rapids

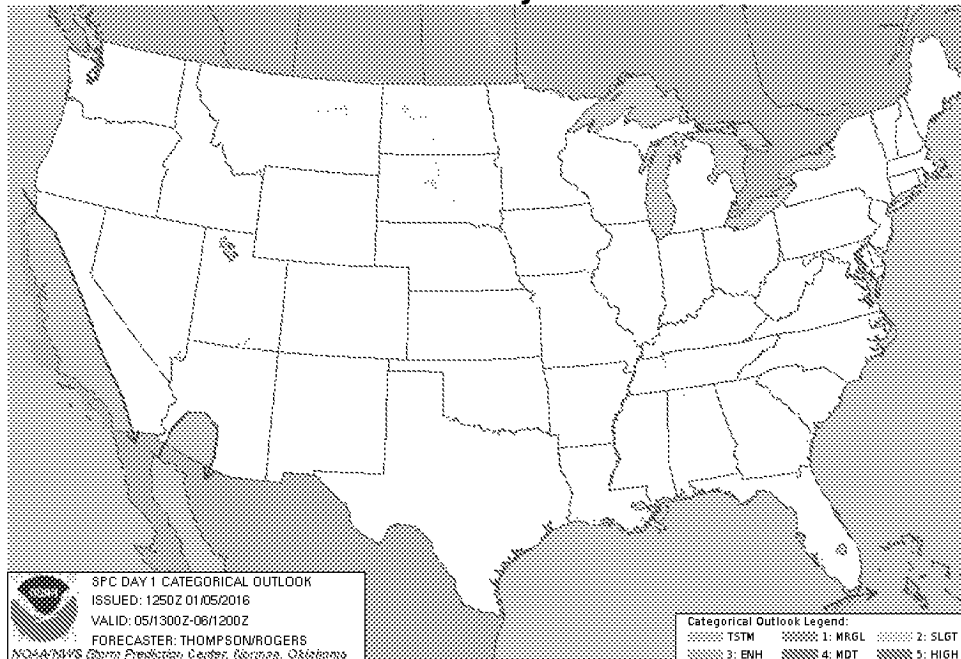


Published on: 01/05/2016 at 5:00AM

Northern Indiana



Storm Prediction Center – Day 1 Outlook



TV/RADIO CLIPS

Flint Water Advisory Task Force speaks for first time

WJRT-TV 12 in Flint, January 4, 2016

<http://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=4b889484-6013-4380-827d-dc528d723dd9>

Water shutoffs continue in Flint, Family suffers due to bad water

WNEM-TV 5 in Flint, January 4, 2016

<http://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=e91aa10a-58d9-4cef-a3e3-07729d9ee7df>

City looking for help from president

WJRT-TV 12 in Flint, January 4, 2015

<http://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=9a36a4a2-71c0-43ef-a581-f9696a80026d>

SOCIAL MEDIA

Twitter



[Flint Water Study @flintwaterstudy](#)

Hint: The answer is 'Yes' twitter.com/flintjournal/s...



[Matthew Elliot @mattbastard](#)

Essential [#FlintWaterCrisis](#) round-up, especially for those not in the proverbial 'know'.
blog.seattlepi.com/videoblogging/...

Facebook



[The Rachel Maddow Show](#)

14 hrs ·

Rachel Maddow is back in the hosting seat tonight!

Tonight we'll get the latest as the Flint mayor's declaration of emergency heads to Governor Snyder's office.

In case you missed it over the holidays, the previous update in the Flint water story was that Governor Snyder apologized for the crisis and announced the resignation of the state's environmental chief.

<http://on.msnbc.com/1PcanXO>



[Audrey Mitten](#)

10 mins ·

If you were compelled by "Making a Murderer" on Netflix, you'll be fascinated by "Making Flint's Poisoned Water and Looking the Other Way" by the State of Michigan.

A must see/read.

Quite the chain of events, but not yet a Federal emergency.

theguardian.com/us-news/2015/dec/30/michigan-governor-rick-s...



Theo White

4 hrs *

You have heard the news. Even still, watch this video. Just at least the first three minutes. After you start its hard to stop.

Then ask yourself a few questions.

1. Did I vote in last year's Election that got Rick Snyder re-elected?
2. (If No) Do I feel like a complete idiot for not using my valuable vote to keep this guy from destroying the city of Flint as well as the rest of our state?
3. (If Yes) Who did I vote for again?
4. (If Yes, and you voted Snyder) What makes me so dumb? Is it that my parents raised me to vote biasedly on their own views, and I blindly helped elect a scumbag?
5. (If Yes, and you didn't vote Snyder) How could I have helped keep him from being elected in the first place when there are so many biased idiots who's biased political views come from their parents? Why aren't there more citizens voting?
6. How can I get this guy out of office



Jon Gerster

8 hrs *

Let me just say that in this new year, 2016, is a Presidential Election year. This issue of Flint's contaminated water supply is a direct result of "you get who you vote for". Gov. Snyder, a republican is where the buck stops. He is the one who appointed the special manger to take over Flint's government from the officials those very people elected. Shame on the republicans! Remember - you get who you vote for!!! Poor Flint!

freep.com/story/news/local/michigan/2016/01/04/board-declare...



ABC12: Your Trusted Source! WJRT-TV

13 hrs *

There's disturbing information that three months after a campaign began to make free water filters available to fight lead in Flint, many homes still do not have them. #FlintWater



Andrew Heller

8 mins *

Nice job, Bryn Mickle. Very succinctly put.
[msnbc.com/rachel-maddow/watch/federal-probe-of-flint-water-f...](https://www.msnbc.com/rachel-maddow/watch/federal-probe-of-flint-water-f...)

YouTube

Undrinkable: Flint Water Emergency – Published January 4, 2016

<https://www.youtube.com/watch?v=TA53UEr2vaQ>

Flint Water Crisis – Published January 2, 2016

<https://youtu.be/mqDsnTTOg-k>

From: Heaton, Anna (GOV)
Sent: Wednesday, October 07, 2015 5:01 PM
To: Utley, Corey (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Agen, Jarrod (GOV)
Cc: McBride, Bill (GOV)
Subject: Invites for tomorrow
Attachments: Copy of Flint PC Attendees.xlsx

Harvey,

Are you OK with making these notifications now? We will be sending the media advisory shortly.

Thanks,
Anna

	A	B	C	D	E	F	G
1	Flint Water PC						
2	Title	First Name	Last Name	Organization	Staff Requestor	Person Contacting	RSVP
3	Congressman	Dan	Kildee	US Congress	RB	Gov calling Thurs AM	
4	Chancellor	Susan	Borrego	U of M Flint	RB	Corey	
5	Pastor	Oscar	Overton		HH	Harvey	
6	Pastor	Alfred	Harris		HH	Harvey	
7	Pastor	Latrelle	Holmes		HH	Harvey	
8	Senator	Jim	Ananich	Michigan Senate	DP	Corey	
9	Rep.	Sheldon	Neely	Michigan House	DP	Corey	
10	Rep.	Phil	Phelps	Michigan House	DP	Corey	
11	Drain Commissioner	Jeff	Wright	Genesee County	DM	Harvey	
12		Amy	Hovey		HH	Harvey	
13		Jamie	Gaskin		HH	Harvey	

From: Scott, Allison (GOV)
Sent: Friday, January 01, 2016 11:31 AM
To: Emmitt, Beth (GOV)
Subject: Fwd: Draft Documents Subject to Attorney Client Privilege (FIAAC)
Attachments: A Proposal to Create the Flint Water Inter [225139].docx; ATT00001.htm; IA Coord Com Org Chart [233264].pptx; ATT00002.htm; FY16 and FY17 Flint supplemental (233203).xls; ATT00003.htm

Do you know who could do
This

Sent from my iPhone

Begin forwarded message:

From: "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>
Date: January 1, 2016 at 10:47:37 AM EST
To: "Bedan, Morgan (GOV)" <BedanM@michigan.gov>, "Dickinson, Sarah (GOV)" <DickinsonS@michigan.gov>, "Scott, Allison (GOV)" <scotta12@michigan.gov>
Subject: FW: Draft Documents Subject to Attorney Client Privilege (FIAAC)

Are you able to put these 3 attachments into one PDF, so the G can easily review today or tomorrow?
I'd like to send for Gov's review and approval today.
I can PDF them, but not sure how to put into one doc.

From: Baird, Richard (GOV)
Sent: Thursday, December 31, 2015 3:37 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Cc: Baird, Richard (GOV) <bairdr@michigan.gov>; Kelenske, Chris (MSP) <KelenskeC@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Creagh, Keith (DNR) <creaghk@michigan.gov>; Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Scott, Allison (GOV) <scotta12@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Subject: Draft Documents Subject to Attorney Client Privilege (FIAAC)

Team:

I have received all of the input provided and thank you. The following highlights:

- The only two "enterprise wide" folks we have as Coordinators are Harvey Hollins and Chris Kalenske. I have changed their titles to reflect a coordination/facilitation role and not connote "We are in charge and to hell with everyone else". Therefore I have changed the org chart and created a "dotted line" depiction—and also added the Legislative body as they (or subsets) may have a role here as well.
- But make no mistake, we are going to be accountable whether we should be or not so we are not syndicated the leadership that comes with the coordinating roles. I rewrote certain pieces of the proposal to reflect our inclusion, equality and partnership. But make no mistake, Harvey and Chris are the guys who will make this coordination effort work and if either of them encounter resistance with any of our partners in this effort, I have pledged to have their backs using my persuasive charm and bankruptcy tested mediation skills...
- I did not bring in more departments at this time. That is not to say they would not be value add, but there is a difference between an emergency response and planning effort, and introducing some other ways to get help and support to Flint. We will do that too, but not at this time.

- I have attached Tim Becker's Supplemental Request. Note that even at \$6 million over 2 years it does not include funding for the sort of long term monitoring of consequences of lead impact.
- Lastly I want people to know that we are committed to a spirit of inclusion, even with those who have been relentless in their attacks without offering any insights to solutionality. But some of these people have a stronger interest in advancing their own personal agenda and not devoting any real efforts to solving real problems. They will only be welcome if they decide to pursue the latter behavior vs. the former.

Unless someone thinks I really botched something up in the proposal, I would now ask Jarrod to give it final blessing and share with the Governor to get confirmation on the way forward.

Thanks everyone for a less than 24 hour turnaround and...

Go Green

Ok ok...Go Blue too...

HNY,

Rich

Sent from Mail for Windows 10

A Proposal to Create the Flint Water Inter-Agency Coordinating Committee (FIACC)

In collaboration with the Flint After-Action Task Force, MSP Captain Chris Kelenske, DHHS Chief Deputy Tim Becker and DHHS Director Nick Lyon, Harvey Hollins and Rich Baird are recommending the immediate creation of the above referenced entity, with its sustained role and responsibility enabled under the Governor's Executive Order.

Statement of Need

Due to a combination of resource constraints, inexperienced personnel, "silo" bureaucratic processes and the need to react to immediate problems, there is a lack of coordination, communication, and connected management amongst the departments and stakeholders who must work together to ensure Flint's return to clean, safe water and to coordinate mid and long term efforts to mitigate and address future health and behavioral consequences from lead ingestion. This group **MUST** be stood up regardless of whether (or when) the conditions required for a declaration of emergency are met by the City, County, State or Federal authorizers.

This inter agency group must fully engage with those we seek to serve. Equal partners. Equal leadership. Equal responsibility. Equal chance to be part of the solution to an important and not fully understood problem. We need our fellow citizens to be our partners in finding a solution, to feel they and their city and community leaders are not just part of the solution but are leading the solution with partners they can trust. This entity needs to be coordinated by State of Michigan leaders who represent statewide resources and constituencies and the citizens who comprise them. This coordinating body must include:

- The creation of a routine information process between all parties.
- Pursuit of other avenues of funding including federal grants and legislative appropriations.
- While the Emergency Management Act or the Stafford Disaster Relief and Emergency Assistance Act may be mechanisms to fix the issues in Flint, portions of the Emergency Management Act outlining management of events are applicable and should be implemented without delay (e.g. Local emergency operations plans/emergency operations guides as well as emergency operations support plans).

Action Plan and Establishing the FIACCC

It appears that a request for a Governor's declaration may be coming from Genesee County as quickly as January 4, 2016. The state's Emergency Coordinator (Capt. Kelenske) will evaluate the request and provide a recommendation whether to issue a declaration, following established protocol and due diligence. But immediately, we will:

1. Establish an interagency workgroup coordinated by Harvey Hollins and Chris Kelenske (who will be actively supported in their work by Rich Baird), and be comprised of DHHS, MDEQ, MSP, Treasury, Genesee County, City of Flint, MDE, LARA and external Subject Matter Experts (SMEs). Civil Rights and MSHDA may be added at a later time. If additional agencies/stakeholders who can assist with accomplishing the action plan are needed, they will be added. Personnel must be goal oriented, transparent with findings and measures of progress, and able to work toward accomplishing the Incident Action Plan created by the state in a timely manner. This is not a discussion or policy group. It is an active problem solving, execution oriented group of professionals of equal stature completely dedicated to the Flint solution and remediation, and enabled by the statewide capabilities of the coordinators. Staff will be needed with competencies in disaster/emergency

planning, operations, logistics and finance as outlined under the National Incident Management System (NIMS). These management components are accountable to the coordinating leadership to ensure tracking of resource requests, and incident action plan items are created, documented and completed. A draft Organization Chart is attached under separate cover and the “dotted lines” depict a non-hierarchical structure where the members commit to working, communicating and sharing collectively vs departmentally.

2. This body should be created by Executive Order and it must complement and not replace the current system under the Emergency Management Act. In fact, it should demonstrate how to best leverage support where existing laws fall short under a man-made emergency.
3. Utilize the National Incident Management System and Unified/Incident Command as appropriate.
4. Establish routine communications protocols at the operational, executive, and legislative levels as determined appropriate.
5. Establish interagency workgroup objectives using the following as a starting point.

Interagency Workgroup Objectives

1. Determine and convey acceptable standards for potable water.
 - Identify needed remediation.
 - Convey the remediation plan objectives to all stakeholders and interested parties.
 - Logistics plan for distribution and serving homebound citizens with water and filtration
 - Implement the plan.
2. Determine health impacts for the impacted population.
 - Identify treatment methods.
 - Nutrition education and support
 - Coping with lead exposure (care, monitoring, neurodevelopmental screening, access to DBP specialists, psychologists/psychiatrists, expanded county services, etc.)
 - Convey the treatment plan objectives to interested parties.
 - Implement the plan.
3. Establish a public information protocol to effectively inform the community of the situation and actions taken.
 - Identify existing Public Information outlets within the city, county, and state.
 - Establish a Joint Information Center
 - Provide for Emergency Alerts and Updates
 - Leverage public and private education schools
 - Determine official information flow and approval of information.
 - Convey to interested parties.
4. Assess the status of the infrastructure and determine feasible actions to upgrade the water system.
 - Determine current state of the infrastructure.
 - Develop priorities, costs, and potential funding sources for infrastructure upgrades as part of a long term recovery plan.
 - Seek partners to assist (NGOs, Foundations, Business, etc.)
 - Implement the plan.

Next Steps

1. Input to this plan has been received and incorporated where feasible. Chief of Staff Jarrod Agen gives final draft approval and reviews with Governor Snyder as soon as possible but not later than Saturday, January 2, 2016
2. Governor Snyder reviews approves/adjusts and decides on the plan and authorizes Harvey Hollins to provide the plan to Mayor Karen Weaver on Saturday or Sunday, January 3, 2016.
3. As a courtesy, I would like to share the plan with the Flint WAATF after it has been provided to Mayor Weaver.
4. Communications should have a strategy on when this plan gets released publically (before, during or after the expected Emergency Declaration by Genesee County. If there is no declaration, we should proactively communicate (and perhaps share the communication with the TF).
5. We are not contemplating activating the State Emergency Operations Center (SEOC) until AFTER Genesee County has demonstrated they did all they conceivably could have done, utilized all available resources to include contracts and mutual aid, and couldn't solve the problem. That is what is required under the Emergency Management Act.
6. MDHHS has put forth a supplemental budget request for FY 16 and 17 for testing, outreach, education, etc. It does not contemplate behavioral or cognitive remediation in the event of lead poisoning.

Flint Water Inter-Agency Coordinating Committee (FIACC)

Governor

MI Legislature

Statewide Coordinators
Harvey Hollins, Governor's Office
Capt. Chris Kelenske, MSP
Emergency Response

PIO / JIC

MDEQ

TREASURY

Genesee
County

- EM / Sheriff
- HO: Mark V
- Environ Health
- Board of Comis?

Flint

- Mayor Weaver
- City Admin
- Public Works

Subject Matter
Experts

- Dr. Marc Edwards
- Dr. Mona Hanna-Attisha
- Dr. Larry Reynolds

State Police

MLARA

MDHHS

MDE

- Water Quality Subcommittee
- DEQ Chair
 - DHHS Tox
 - City / LAM
 - Marc Edwards
 - Genesee County
 - Detroit Sewer and Water
 - KWA
 - United Way?

- Human Health Subcommittee
- DHHS Chair
 - DHHS Tox
 - DHHS Epi
 - GLHO Case Management
 - Hurley
 - Genesee County Health Coalition
 - Medicaid
 - WIC/Nutrition

- Education Subcommittee
- MDEQ/MDE Co-Chairs
 - Screening Plan
 - Programmatic Resources
 - Flint Schools Superintendent
 - CLPP

	A	B
1		Michigan D
2		FY16
3		
4		
5		Appropriation
6		
7		<u>FY16 Supplemental Request - Assume funding recommended from February 1 - September 30, 2016</u>
8		
9	1	Cost for epidemiologists
10	2	Cost to abate lead homes in Flint
11	3	Additional lead investigations
12	4	Increase nurse case management
13	5	Increase community education
14	6	WIC outreach and transportation
15		
16		Total FY16 Funding Request
17		
18		<u>FY17 Supplemental Request - Assume full year</u>
19	7	Continuation of FY16 Supplemental
20	8	Cost for epidemiologists

	C	D
1	Department of Health and Human	
2	Services and FY17 Supplemental Reque	
3	December 30, 2015	
4		
5	Contractual FTEs	Amount
6		
7		
8		
9	2	\$ 115,000
10	3.5	\$ 1,687,500
11	0	\$ 100,000
12	1	\$ 75,000
13	2	\$ 120,000
14	1	\$ 60,000
15		
16	9.5	\$ 2,157,500
17		
18		
19	8	\$ 850,000
20	2	\$ 220,000

	E
1	Services
2	st
3	
4	
5	Detailed Description
6	
7	
8	
9	Support two epidemiologists to analyze blood lead levels based on zip codes in the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted. Positions will be supported through contracts with MPHIL.
10	Costs reflect contractual and service costs to abate lead from homes in the City of Flint. Contractual funds will support 3.5 contractual staff - 2.5 field consultants to conduct abatement and one to assist with client application and form processing (total \$187,500). Funds for the service include the cost to abate 100 homes @ \$15,000 each (\$1.5 million) which will include internal housing plumbing components where necessary. Current efforts financed in the previous FY16 supplemental did not support lead abatement activities.
11	Additional contractual efforts to support lead investigations in 100 additional homes in the City of Flint. Service will be provided by ETC Consulting.
12	Funds support the increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, provide nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.
13	Contractual FTEs will work with the Genesee County Health Department (GCHD) to build educational efforts in that community to develop a more detailed education plan.
14	One contractual peer educator FTE at Genessee County Health Department to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and overall health of pregnant moms and infants.
15	
16	
17	
18	
19	Continue the funds from the original FY16 supplemental for existing nurse case management of EBL home investigations.
20	Continue the funds from the FY16 request above and support two epidemiologists to analyze blood lead levels and will address broader areas beyond the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted.

	F
1	
2	
3	
4	
5	
6	
7	
8	
9	Could be work beyond Flint if these positions conduct other lead zip code analysis in other cities.
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

	A	B
21	9	Cost to abate lead homes in Flint
22	10	Additional lead investigations
23	11	Increase nurse case management
24	12	Increase community education
25	13	WIC outreach and transportation
27		Total FY17 Funding Request
28		
29		Total FY16 and FY17 Funding Request
30		
31		Notes:
32		(1) FY16 supplemental request reflects additional needs above the original supplemental level passed in November 2015.
33		(2) FY16 levels support work to take place in the City of Flint only.
34		(3) FY17 amounts are full year funding levels. Should the FY16 supplemental pass prior to the release of the FY17 Executive Recommendation

	C	D
21	4	\$ 2,261,000
22		\$ 130,000
23	1	\$ 100,000
24	2	\$ 180,000
25	1	\$ 90,000
26		
27	18	\$ 3,831,000
28		
29	27.5	\$ 5,988,500
30		
31		
32		
33		
34	mendation, FY17 levels can be annualized	

	E
21	Continue the funds from the FY16 request above and finance contractual and service costs to abate lead from homes in the City of Flint. Contractual funds will support 4 contractual staff - 3 field consultants to conduct abatement and one to assist with client application and form processing (total \$311,000). Funds for the service include the cost to abate an increase to 130 homes @ \$15,000 each (\$1.95 million) which will include internal housing plumbing components where necessary. Current efforts financed in the previous FY16 supplemental did not support lead abatement activities.
22	Funds support additional lead environmental investigations. This is lead investigations in homes of children with high blood lead levels to determine all of the sources of lead exposure and plan for mitigation of lead. This does not include funding for lead abatement. This is done via contract with ETC Consulting. (No FTEs)
23	Continue the funds from the FY16 request above to support the increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.
24	Continue the contractual health educators at GCHD to work collaboratively with community agencies on awareness of lead hazards, increase lead testing, and nutrition education.
25	One contractual peer educator FTE at GCHD to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and improve the overall health of pregnant moms and infants. Bus tokens (10,000 at \$1 = \$10,000), bus signs and other promotion materials for WIC at \$5,000.
26	
27	
28	
29	
30	
31	
32	
33	
34	d to reflect the revised FY16 base.

	F
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	

From: Muchmore, Dennis (GOV)
Sent: Thursday, October 22, 2015 1:40 PM
To: Wurfel, Sara (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Cc: Murray, David (GOV); McBride, Bill (GOV)
Subject: RE: state money for detroit water

Ah, come on, just throw them under the bus one time...McBride reports that at the meeting this morning in DC that Kildee and Stabenow ganged up to throw the state under the bus...

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 12:33 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: state money for detroit water

That's a great point and change.

From: Agen, Jarrod (GOV)
Sent: Thursday, October 22, 2015 12:30 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: state money for detroit water

Overall it works for me.

Although, just add some urgency/compassion.

- We want to ensure that there are no complications or interruptions in Flint residents receiving water from GWLA, so we are taking steps immediately wire the money to the city. They should have all of the state funds within a business day or two.

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 12:16 PM
To: Baird, Richard (GOV) <bairdr@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: state money for detroit water
Importance: High

So sounds like based on conf call that was just had, that for some reason the city did indeed agree to all up front.

Clearly don't want to throw city under the bus as that's certainly not going help situation, but since having them do that to us as has already started, please see below bullets. Fact based and shows state's immediate action to again help address. Work? Any concerns or changes?

- The initial agreement and understanding was for monthly payments.
- Unbeknownst to the state, the city entered into an arrangement for one upfront sum and payment.
- Now that we are aware of this and have confirmed that final arrangement, the state is taking steps to immediately wire the money to the city. They should have all of the state funds within a business day or two.

Please weigh in ASAP.

Thanks much,
SW

From: Wurfel, Sara (GOV)

Sent: Thursday, October 22, 2015 9:58 AM

To: Baird, Richard (GOV) <bairdr@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>

Cc: Murray, David (GOV) <MurrayD1@michigan.gov>

Subject: RE: state money for detroit water

Thanks much – that was the last I had knew and understood too about how was supposed to work.

Just trying to either correct and nip in bud ASAP before this gets out of hand.

But also imperative that we have facts first.

p.s.

Have also talked with Treasury and SBO teams and they're looking into from their respective ends as well.

From: Baird, Richard (GOV)

Sent: Thursday, October 22, 2015 9:43 AM

To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>

Cc: Murray, David (GOV) <MurrayD1@michigan.gov>

Subject: RE: state money for detroit water

The deal was monthly payments. I will get into this as quick as I can but I am sure she has it wrong or someone in DWSD is befuddled.

From: Wurfel, Sara (GOV)

Sent: Thursday, October 22, 2015 9:35 AM

To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV)

Cc: Murray, David (GOV)

Subject: FW: state money for detroit water

Importance: High

Please see below.

No good deed goes unpunished. This looks like may be next big issue.

I thought GLWA-DWSD was NOT going to require the entire sum all up front?

From: Ronald Fonger [mailto:RFONGER1@mlive.com]

Sent: Thursday, October 22, 2015 9:28 AM

To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>

Subject: state money for detroit water

Sara:

I was at a City Council meeting last night when Flint City Administrator Natasha Henderson said the state has only wired Flint \$2 million of the \$6 million approved by the state Legislature.

She said the city has been told it will receive an additional \$2 million in January and another \$2 million in April.

Henderson said she's asked that the money be sent immediately because the city was required to pay Detroit the entire \$12 million upfront, before the water was reconnected, and its water and sewer fund balance has dropped significantly as a result.

Several council members also spoke about this, and Council President Josh Freeman called the payment plant "beyond ridiculous" given the city's financial position.

Is there someone who can talk to us about this?

Thanks,

Ron Fonger

MLive Media Group

Reporter

mobile PPI

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502

From: Forstner, Nathaniel (GOV)
Sent: Wednesday, October 21, 2015 3:54 PM
To: Calley; PPI
Subject: RE: NEWS RELEASE: Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

I think if our Comms people wrote shorter sentences, their writing would be much better. Whenever I see a sentence that extends beyond 3 lines, I brace myself.

From: Calley; PPI
Sent: Wednesday, October 21, 2015 3:22 PM
To: Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>
Subject: Re: NEWS RELEASE: Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

No one would ever get into verb tenses. It's not our style.

On Oct 21, 2015, at 2:28 PM, Forstner, Nathaniel (GOV) <forstnern1@michigan.gov> wrote:

So, I opened up the draft that was distributed earlier this afternoon, found a typo in the first paragraph and decided to see if 17 sets of eyes plus whoever proofs copy in Comms would catch it. Nope.

From: GOV Newsroom [<mailto:govnewsroom@govsubscriptions.michigan.gov>]
Sent: Wednesday, October 21, 2015 2:07 PM
To: Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>
Subject: NEWS RELEASE: Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations



Right-click here to download pictures. To help protect your privacy, Outlook prevented automatic download of this picture from the Internet.
CORE News Release

Contacts: [Sara Wurfel](#) or [Dave Murray](#)
517-335-6397

FOR IMMEDIATE RELEASE
Wednesday, Oct. 21, 2015

Gov. Rick Snyder announces Flint Water Task Force to review state,

federal and municipal actions, offer recommendations

Experts in public health, water management, environmental protection to focus on steps to protect residents

LANSING, Mich. – Gov. Rick Snyder today announced the creation of an independent advisory task force charged with reviewing actions regarding water use and testing in Flint and offer recommendations for future guidelines to protect the health and safety of all state residents.

Task force members include experts in public health and medicine, water management, and environmental protection from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

"Transitioning back to the Detroit Water and Sewerage Department-Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on potential changes to law, procedures and practices will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the residents in Flint and all of Michigan."

Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of \$1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's

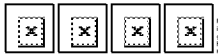
Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Snyder has said reconnecting with the authority is a critical step to resolving water quality issues and addressing related health concerns. It will not immediately resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

STAY CONNECTED:



This email was sent to forstner1@michigan.gov on behalf of, The Executive Office of the Governor · 111 South Capitol Avenue · Lansing, MI 48908 · 517-335-7358

From: Forstner, Nathaniel (GOV)
Sent: Monday, January 04, 2016 1:41 PM
To: Calley; **PPI**
Subject: Staff mtg.

Staff mtg.

Rich
Creating Flint Water Interagency Coordinating Committee/Council Mayor's initial response was concern over the makeup (wanted to make sure it included experts) and concern that the process wouldn't be transparent. Harvey believes both her concerns have been addressed.

Paul Smith is lead for Legal on Flint water. He is working on EO for the creation of the new entity. Should have a draft by Friday.

Rich mentioned the conversation he had with you last night about messaging.

Keith Creigh is starting today at DEQ.

Not Responsive

Dennis asked Redford to sit down with Schuette to discuss Flint water. Redford has been working with the AAGs, but he hasn't spoken directly with Schuette.

Not Responsive

Sent from my iPad

From: Agen, Jarrod (GOV)
Sent: Tuesday, January 05, 2016 9:41 AM
To: Calley; **PPI**
Subject: Re: Flint

Talked to G. We should be set for today if not tomorrow.

> On Jan 5, 2016, at 8:03 AM, Calley, Brian (GOV) <**PPI**> wrote:

>

> This kind of coverage sets us back more with the public. Makes it look like the Governor is weighing the pros and cons of declaring an emergency. If we can't do the formal declaration today we need to find a way for him to say he this is obviously an emergency and a declaration is forthcoming.

>

> <http://www.detroitnews.com/story/news/politics/michigan/2016/01/04/snyder-flint-emergency-lead-water/78274734/>

From: Redford, James (GOV)
Sent: Tuesday, January 05, 2016 5:48 PM
To: Calley, **PPI**
Subject: RE: Flint Water

You are very kind.

Thank you.

Jim

-----Original Message-----

From: Calley, **PPI**
Sent: Tuesday, January 05, 2016 5:46 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Scott, Allison (GOV) <scotta12@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>
Cc: Snyder, Rick (GOV) **PPI**
Subject: Flint Water

Exceeding expectations should be the goal. Great work everyone on making this happen today.

MLive quote from the Mayor:

"I did not expect it (the governor's decision) as quickly as it happened, but I'll take it," Weaver said. "I believed this was what Flint should have. I'm going to keep my positive attitude going forward."

http://www.mlive.com/news/flint/index.ssf/2016/01/governor_declares_state_of_eme.html

From: Holland, Meegan (GOV)
Sent: Tuesday, January 05, 2016 6:32 PM
To: Calley, **PPI**
Subject: Re: Flint Water

Man, this is heartening. Thanks for noting this.

Sent from my iPhone

> On Jan 5, 2016, at 5:46 PM, Calley, Brian (GOV) <**PPI**> wrote:
>
> Exceeding expectations should be the goal. Great work everyone on making this happen today.
>
> MLive quote from the Mayor:
>
> "I did not expect it (the governor's decision) as quickly as it happened, but I'll take it," Weaver said. "I believed this was what Flint should have. I'm going to keep my positive attitude going forward."
>
> http://www.mlive.com/news/flint/index.ssf/2016/01/governor_declares_state_of_eme.html

From: Calley, PPI
Sent: Sunday, January 03, 2016 12:30 PM
To: Agen, Jarrod (GOV)
Subject: Re: FOR REVIEW: Draft Documents Subject to Attorney Client Privilege (FIAAC)

I know for whatever reason EOs take forever, but legal needs to drop everything and get this done asap.

On Jan 3, 2016, at 11:50 AM, Agen, Jarrod (GOV) <Agenj@michigan.gov> wrote:

Meegan will have draft Comms plan for us to review later today.

And Harvey is drafting agenda for the upcoming meeting with Mayor Weaver.

On Jan 3, 2016, at 11:18 AM, Redford, James (GOV) <RedfordJ@michigan.gov> wrote:

Attorney-Client Privilege

On Jan 3, 2016, at 9:36 AM, Snyder, Rick (GOV) <snyderPPI> wrote:

Generally looks good. We should proceed assuming three items that should be addressed:

1. Next steps, point 3 is in the first person. It should be edited to be consistent.
2. Budget request - eliminate the lead abatement line items in both budgets for now if we are also sending this item. We need to have a more through review of this issue of proposing lead abatement in individual private residences.
3. What is the timing of getting the EO done? Is the Comms plan to go with this approach ready?

Thanks
Rick

Sent from my iPad

On Jan 1, 2016, at 12:37 PM, Agen, Jarrod (GOV)
<Agend@michigan.gov> wrote:

Happy New Year Governor.

Attached are materials from Rich, Harvey and our internal team working closely on Flint water (Redford, Director Creagh, Capt. Kelenske, Director Lyon).

You'll find a proposal to create the Flint Water Inter-Agency Coordinating Committee, organizational structure, and supplemental funding requests.

This proposal and work stems from the latest meeting & discussions with the Task Force this past Wednesday.

Please review the proposal, structure, and funding when you have an opportunity over the next couple of days.

Let us know if you have questions or concerns.

Once we have your approval, we'd like to share with Mayor Weaver prior to Monday.

Thank you,
Jarrod

<FIAAC Docs.pdf>

From: Clayton, Stacie (GOV)
Sent: Friday, January 30, 2015 9:45 AM
To: Murray, David (GOV)
Subject: FW: Letter of Appeal for Flint

Stacie

From: Posthumus, Dick (GOV)
Sent: Friday, January 30, 2015 9:17 AM
To: Muchmore, Dennis (GOV)
Cc: Walsh, John (GOV); Wisniewski, Wendy (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Clayton, Stacie (GOV); Hall, Jean (GOV); Ackerman, Darin (GOV); Durfee, Sally (GOV); Rospond, Laurie (GOV); Agen, Jarrod (GOV); Brownfield, Michael (GOV)
Subject: Re: Letter of Appeal for Flint

Jim Ananich suggested that the announcement of this be done jointly with us, he, and the reps from Flint. Last night Dennis and I talked about it and thought it would be a good idea. Anybody know who makes the decision on when this can go public in Treasury? I will contact them and have all of the comms people coordinate this

Sent from my iPhone

On Jan 29, 2015, at 6:48 PM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:

I suggested to Dave Murray that he get a confirmation from John Roberts that the money is indeed available to be distributed just for confirmation sake. We've all been around enough of these to make sure our i's are dotted and t's crossed before we go out publicly.

From: Walsh, John (GOV)
Sent: Thursday, January 29, 2015 5:09 PM
To: Wisniewski, Wendy (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Clayton, Stacie (GOV); Hall, Jean (GOV); Ackerman, Darin (GOV); Durfee, Sally (GOV); Saxton, Thomas (Treasury)
Cc: Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Rospond, Laurie (GOV); Agen, Jarrod (GOV); Brownfield, Michael (GOV)
Subject: RE: Letter of Appeal for Flint

We can work with the Legislative staff and prepare a response. Please note that Flint will be a recipient of \$2 million in awards under the Financially Distressed Cities and Townships program - \$900,000 for water and \$1.1 million for the incinerator. This has not been announced publicly -- Treasury will be circulating internally their overall recommendations late this afternoon or tomorrow morning. We can coordinate how this information might be disseminated with Comms to assist with our messaging in Flint (I added Jarrod to this email chain).

From: Wisniewski, Wendy (GOV)
Sent: Thursday, January 29, 2015 4:55 PM
To: Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Walsh, John (GOV); Clayton, Stacie (GOV); Hall, Jean (GOV); Ackerman, Darin (GOV); Durfee, Sally (GOV); Saxton, Thomas (Treasury)
Cc: Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Rospond, Laurie (GOV)

Subject: FW: Letter of Appeal for Flint

Importance: High

FYI

From: Rep. Sheldon Neeley (District 34) [<mailto:SheldonNeeley@house.mi.gov>]

Sent: Thursday, January 29, 2015 4:02 PM

To: GovernorsOffice

Cc: Posthumus, Dick (GOV); Muchmore, Dennis (GOV); Clyde Edwards; Kiesha Speech

Subject: Letter of Appeal for Flint

Importance: High

Dear Gov. Snyder,

Please find attached my letter of appeal to your office concerning the City of Flint, a place I proudly call home, and now proudly represent as its State Legislator. I look forward to meaningful discussions regarding solutions to the problems that my community now faces, and appreciate a timely response from your office.

For the Love of the Community,

Sheldon Neeley, State Representative

34th District - Flint

N-798 House Office Building

P. O. Box 30014

Lansing, MI 48909

Office: (517) 373-8808

Toll Free: (844) 4-NEELEY

FAX: (517) 373-5997

E-mail: sheldonneeley@house.mi.gov

Web: <http://neeley.housedems.com>

From: Walsh, John (GOV)
Sent: Monday, February 02, 2015 2:50 PM
To: Murray, David (GOV)
Subject: RE: Flint event on Tuesday

Strategy suggests moving forward.

One nit on the press release announcing all of the grants – the highlighted of should be if:

Municipalities are eligible for the grants if they are experiencing one or more conditions indicative of “probable financial stress,” as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

From: Murray, David (GOV)
Sent: Monday, February 02, 2015 1:34 PM
To: Agen, Jarrod (GOV); Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Biehl, Laura (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Walsh, John (GOV); Brownfield, Michael (GOV); Allard, Claire (GOV); Rexford, Tori (GOV)
Subject: Flint event on Tuesday

Good afternoon team,

Just wanted to touch base on Tuesday’s event in Flint. Unless told otherwise, I’m continuing to prepare for the event.

I touched base with Harvey and Stacie, who recommended we proceed. Harvey is approaching some stakeholders about appearing at the event, and will forward those names to me later today.

I left a message with Dick Posthumus to see if he has any concerns about proceeding.

The Senate Democrats said Sen. Ananich will want to appear. Katie Carey from the House said she would forward information to Rep. Neeley and Phelps. I have not heard back from her yet.

I’ve attached the backgrounder and the draft releases from Governor’s Communications and Treasury. I’ve sent a message to the mayor’s office about a quote, but have not heard back yet.

Brad and I spoke about Director Wyant’s role and potential comments. He will point out that there are things the state can do to help monitor the situation, but also will note that the city’s water infrastructure is aging, which contributes to the problems.

We need some direction on an advisory. Should this be listed on a typical advisory from the governor’s office, or come from Treasury? Do we even issue an advisory in favor of just contacting media directly in the morning?

Please give the draft releases a read for potential changes, or let me know of other concerns.

Thank you!

Dave

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray

From: Stanton, Terry A. (Treasury)
Sent: Friday, September 25, 2015 6:31 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: DESD Termination Letter to Flint
Attachments: DWSD Termination Ltr.pdf; ATT00001.htm

Attached is a copy of the letter from DWSD terminating Flint's water contract-connection.

Please call me when you can.

April 17, 2013

RECEIVED
CITY OF FLINT
CITY CLERK'S OFFICE
2013 APR 18 AM 11:33

Via Certified Mail and Electronic Delivery

Ms. Inez M. Brown
City Clerk
City of Flint
2nd Floor, City Hall
1101 S. Saginaw Street
Flint, Michigan 48502

Dear Ms. Brown:

**Regarding: Termination of Contract for the Provision of Water Services
by the City of Detroit, Water and Sewerage Department**

On December 20, 1965, the City of Detroit, through its Board of Water Commissioners, (DWSD) and the City of Flint, Michigan (Flint) entered into a contract for the provision of DWSD treated water to Flint and the distribution by Flint of that water to other Genesee County communities. Section 18 of that Agreement¹ provides:

18. The Board [DWSD] shall supply and sell water to the City [Flint] from the water system of the City of Detroit, and the City shall receive and purchase such water in accordance with the terms of this Agreement for an indefinite period of time but at least for a period of thirty-five (35) years from the date hereof. This Agreement may be terminated by either party after expiration of said 35-year period, upon one year's written notice served upon the other party by delivering the same to the Secretary of the Board or to the Clerk of the City as the case may be, or at any time upon mutual consent of both parties.

Please take notice that pursuant to this section, 18, of the above-referenced Agreement, DWSD is terminating this Agreement one year from today's date (April 17, 2014).

Sincerely yours,



Sue F. McCormick
Director

¹ Although the Agreement between DWSD has been subsequently amended, Section 18 remains unchanged and in full effect.

From: Heaton, Anna (GOV)
Sent: Thursday, October 01, 2015 11:05 PM
To: Wurfel, Sara (GOV)
Cc: Paciorek, Josh (GOV); Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV)
Subject: Re: Mail with GoodReader attachments

Everything looks really solid - good job you guys.

My only suggestion would be to cite a source in the PR graph that says "The water leaving Flint's drinking water system is safe to drink" - according to whom/what test/when?

Sent from my iPad

On Oct 1, 2015, at 10:35 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Just realized that verb in last bullet got changed – it should not be "Creating" (much has already been created and done). This is "Ensuring" or "Boosting" or "Expanding"

From: Paciorek, Josh (GOV)
Sent: Thursday, October 01, 2015 9:17 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Mail with GoodReader attachments

Got it.

Attached are revised versions.

I'm going to send these to the printer now unless anyone has final changes.

Thanks

Josh

From: Agen, Jarrod (GOV)
Sent: Thursday, October 01, 2015 8:29 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Paciorek, Josh (GOV) <Paciorek@j@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: Fwd: Mail with GoodReader attachments

See reorder from Gov.

I would suggest we make similar reorder in press release (and talking points).

Also - see his point on filters. Don't think that means we need to change handout, but maybe flesh that out more in press release.

Begin forwarded message:

From: "Snyder, Rick (GOV)" [REDACTED] **PPI**
To: "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>
Cc: "Scott, Allison (GOV)" <scottal2@michigan.gov>
Subject: Mail with GoodReader attachments

Please consider a reordering as suggested below.

Also, we need to have good back up info on the question mark by the filters. For people on assistance is clear. Are we going to provide filters to anyone with a concern? Also, what is the timing of filter availability and how we will communicate more info?

Thanks
Rick

See files attached to this message (sent from GoodReader)

From: Minicuci, Angela (DHHS)
Sent: Wednesday, October 07, 2015 6:27 PM
To: Murray, David (GOV)
Subject: RE: URGENT review please -- Draft Flint water release

Looks good on my end.

Angela

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 6:12 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Lasher, GERALYN (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Calley, Brian (GOV) <CalleyB@michigan.gov>; Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>
Subject: URGENT review please -- Draft Flint water release

Team,

Please review this draft press release for the Thursday announcement in Flint. This incorporates some suggested edits to the strong draft from DEQ earlier today.

Thank you very much.

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide a portion of the \$12 million needed to reconnect with the authority, with the Flint city government providing \$2 million and the Charles Stewart Mott Foundation donating \$4 million.

The Michigan Department of Health and Human Services and the Department of Environmental Quality today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

“All Flint residents need clean, safe drinking water,” Snyder said. “The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit’s willingness to reconnect with Flint, the Mott Foundation’s generous donation, and the dedication of all parties to come together to protect Flint families and children.”

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city’s problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead in water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations.

For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it’s as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayDJ1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Minicuci, Angela (DHHS)
Sent: Wednesday, October 07, 2015 6:29 PM
To: Murray, David (GOV)
Subject: RE: URGENT review please -- Draft Flint water release

KNOCK ON WOOD

Angela

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 6:27 PM
To: Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: RE: URGENT review please -- Draft Flint water release

You are awesome, Angela! Thank you for the help.

I think there is light at the end of the tunnel.

From: Minicuci, Angela (DHHS)
Sent: Wednesday, October 07, 2015 6:27 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: URGENT review please -- Draft Flint water release

Looks good on my end.

Angela

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 6:12 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Paciorek, Josh (GOV) <Paciorekji@michigan.gov>; Lasher, GERALYN (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Calley, Brian (GOV) <CalleyB@michigan.gov>; Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>
Subject: URGENT review please -- Draft Flint water release

Team,

Please review this draft press release for the Thursday announcement in Flint. This incorporates some suggested edits to the strong draft from DEQ earlier today.

Thank you very much.

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide a portion of the \$12 million needed to reconnect with the authority, with the Flint city government providing \$2 million and the Charles Stewart Mott Foundation donating \$4 million.

The Michigan Department of Health and Human Services and the Department of Environmental Quality today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead in water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations.

For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Agen, Jarrod (GOV)
Sent: Wednesday, October 07, 2015 7:16 PM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Fwd: URGENT review please -- Draft Flint water release
Attachments: 151008 Flint water release_V2.docx; ATT00001.htm

Sent from my iPhone

Begin forwarded message:

From: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Date: October 7, 2015 at 7:12:04 PM EDT
To: "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Biehl, Laura (GOV)" <BiehlL@michigan.gov>, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>
Subject: Fwd: URGENT review please -- Draft Flint water release

I think this looks good but are we missing an opportunity to shout out all the entities that have stepped up to help? GM, Home Depot, etc. etc.?

If Harvey has the full list, perhaps it could even be attached as an addendum. The point is that a lot of people did come together to address the problem, including the private sector and various volunteer organizations. I think it says something special about this state rallying to help one of its cities.

Rich

Sent from my iPad

Begin forwarded message:

From: "Biehl, Laura (GOV)" <BiehlL@michigan.gov>
Date: October 7, 2015 at 6:46:28 PM EDT
To: "Murray, David (GOV)" <MurrayD1@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Heaton, Anna (GOV)" <HeatonA@michigan.gov>, "Kennedy, Jordan (GOV)" <KennedyJ4@michigan.gov>, "Brown, Jessica (GOV)" <BrownJ53@michigan.gov>, "Paciorek, Josh (GOV)" <Pacioreki@michigan.gov>, "Lasher, GERALYN (DHHS)" <lasherger@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Posthumus, Dick (GOV)" <Posthumusd@michigan.gov>, "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Calley, Brian (GOV)" <CalleyB@michigan.gov>, "Forstner, Nathaniel (GOV)" <forstnern1@michigan.gov>
Subject: RE: URGENT review please -- Draft Flint water release

See new version attached. Small revisions made and placeholders added for Mayor and Mott Foundation Quotes.

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 6:12 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Paciorek, Josh (GOV) <PaciorekJ@michigan.gov>; Lasher, GERALYN (DHHS) <lasergh@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Calley, Brian (GOV) [REDACTED] Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>
Subject: URGENT review please -- Draft Flint water release

Team,

Please review this draft press release for the Thursday announcement in Flint. This incorporates some suggested edits to the strong draft from DEQ earlier today.

Thank you very much.

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide a portion of the \$12 million needed to reconnect with the authority, with the Flint city government providing \$2 million and the Charles Stewart Mott Foundation donating \$4 million.

The Michigan Department of Health and Human Services and the Department of Environmental Quality today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the

Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

“All Flint residents need clean, safe drinking water,” Snyder said. “The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit’s willingness to reconnect with Flint, the Mott Foundation’s generous donation, and the dedication of all parties to come together to protect Flint families and children.”

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city’s problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead in water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations.

For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it’s as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools.

Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray

From: Duncan, Nancy (DTMB)
Sent: Wednesday, October 07, 2015 6:17 PM
Subject: Flint Water Summary for Governor
Attachments: City of Flint Water Funding Solution.pdf

Importance: High

Attached is a summary of the funding commitments to address the Flint Water situation. The total state commitment is \$10.4m; \$7.9m of that amount is GF/GP. [The DHHS number needs to be verified tomorrow morning, but the final number should be close to this estimate.]

The funding will address 4 priority areas:

1. Provision of filters for residential service;
2. 50% of the estimated cost to reconnect temporarily to the Detroit Water System;
3. Funding for testing water samples; and
4. Other state assistance (e.g., home/school/health facility inspections and follow-up for children with elevated blood levels).

We are preparing a formal supplemental request to transmit to the Legislature tomorrow. John intends to talk with Rep. Pscholka and Sen. Hildenbrand about including this funding in HB 4102, the pending supplemental bill now awaiting House concurrence. Assuming that they agree, we would ask for final action next week.

Please let me know if you have any questions or concerns about our planned approach.

Nancy

City of Flint Water - Funding Solution
State of Michigan Commitment

Agency	GF/GP	Gross	Comments
Filters:			
Health & Human Services	\$1,016,000	\$1,016,000	AY15 work project
Health & Human Services	\$0	\$1,000,000	DEQ State Restricted Settlement Funds provided to HHS Emergency Services local office (FY16 appropriation).
Subtotal Filters:	\$1,016,000	\$2,016,000	
Reconnect to DSW:			Reconnection costs ~\$1.3m/month x 9 mos. to be shared by state & Flint
Environmental Quality	\$5,000,000	\$6,000,000	DEQ State Restricted Settlement Fund of \$1m; balance GF/GP
Subtotal Reconnect:	\$5,000,000	\$6,000,000	
Testing Costs:			
Environmental Quality	\$1,000,000	\$1,000,000	Additional tests at state lab; cost per sample: \$26
Subtotal Testing:	\$1,000,000	\$1,000,000	
Additional Agency Support:			
LARA	\$0	\$200,000	Support for plumbing inspectors to do schools (public and parochial) and health facilities (hospitals, Long Term Care, etc.).
MSHDA	\$0	\$249,900	
Health & Human Services	\$600,000	\$600,000	Follow-up on children with elevated blood levels
Environmental Quality	\$300,000	\$300,000	Home and school inspections.
Subtotal Additional Support:	\$900,000	\$1,349,900	
ALL TOTAL	\$7,916,000	\$10,365,900	

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 10:13 PM
To: Murray, David (GOV); Agen, Jarrod (GOV)
Subject: Fwd: Draft release
Attachments: Draft release_Mott comments and RHW quote.docx; ATT00001.htm

Again, believe most of these are workable, minus headline change as Detroit just doesn't use Lake Huron but Detroit River too.

Thoughts?

Sent from my iPhone

Begin forwarded message:

From: "Kathryn A. Thomas" <kthomas@mott.org>
Date: October 7, 2015 at 9:41:41 PM EDT
To: "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
Cc: "Biehl, Laura (GOV)" <BiehlL@michigan.gov>, "Heaton, Anna (GOV)" <HeatonA@michigan.gov>
Subject: RE: Draft release

This version contains a quote from Ridgway. Do I understand correctly that you will not issue a release before 10 am?

I will be leaving the office soon. Please feel free to call me on my mobile PPI at any time. I hope to be back here tomorrow before your team begins arriving.

Best,
Kathryn

From: Kathryn A. Thomas
Sent: Wednesday, October 7, 2015 8:23 PM
To: 'Wurfel, Sara (GOV)' <Wurfels@michigan.gov>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: RE: Draft release
Importance: High

Hi, Sara.

I will work with Ridgway on a quote, but I wanted to get some initial comments back to you as quickly as possible. Please be sure to view markup to see the comments.

I'm still in my office. Please call me there (810-766-1734) or on my mobile PPI if there's anything you wish to discuss.

Kathryn

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, October 7, 2015 7:12 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: RE: Draft release
Importance: High

Greetings again, Kathryn --

And here is the draft confidential news release with placeholders for the Mayor and Mr. White's quotes. Dependent on final details getting worked out at tomorrow's meeting.

Please review and let us know of any edits or concerns you may have. We look forward to your feedback. If there's a chance you can get us the quote sometime yet this evening, that'd be fantastic.

Also, we'd like to put a Mott Foundation media contact here as well. Would that be yourself? And which numbers/contact info should we use?

Thanks again. We are very glad to be working with you on this.

Best regards,
SW

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or \$6 million, of the \$12 million needed to reconnect with the authority. The Flint city government will provide \$2 million and the Charles Stewart Mott Foundation will donate \$4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

INSERT MAYOR QUOTE HERE

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

INSERT MOTT FOUNDATION QUOTE HERE

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

From: Heaton, Anna (GOV)

Sent: Wednesday, October 07, 2015 6:26 PM

To: 'Kathryn A. Thomas' <ktthomas@mott.org>

Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>

Subject: RE: security contact

Thanks so much, Kathryn. Sorry to bother you so late.

Run of show & comment topics below:

9:45 AM – 10:00 AM Pre-Brief with all speakers
10:00 AM – 10:01 AM Harvey Hollins kicks off press conference; introduces Governor
10:01 AM – 10:05 AM Governor gives remarks
10:05 AM – 10:06 AM Harvey Hollins introduces Mayor Dayne Walling
10:06 AM – 10:10 AM Mayor Walling gives remarks
10:10 AM – 10:11 AM Harvey Hollins introduces DEQ Director Dan Wyant
10:11 AM – 10:15 AM Director Wyant gives remarks
10:15 AM – 10:16 AM Harvey Hollins introduces DHHS Director Nick Lyon
10:16 AM – 10:17 AM Director Nick Lyon introduces Dr. Eden Wells
10:17 AM – 10:20 AM Dr. Eden Wells remarks
10:20 AM – 10:21 AM Harvey Hollins introduces Ridgway White of Mott Foundation
10:21 AM – 10:25 AM Ridgway White gives remarks
10:25 AM – 10:35 AM Q&A from the podium
10:35 AM Event concludes; Governor departs

Nature of comments:

RDS – Collaboration led to solution, outline of solution

Mayor Walling – Importance of solution to Flint

Dan Wyant – School testing results, overview of steps on transition from Flint River to DWSD

Nick Lyon – DHHS involvement

Dr. Eden Wells – Testing of water going forward, use of filters approved by NSF

Ridgway White – Importance of collaboration/commitment to Flint

From: Kathryn A. Thomas [<mailto:kthomas@mott.org>]

Sent: Wednesday, October 07, 2015 6:20 PM

To: Heaton, Anna (GOV) <HeatonA@michigan.gov>

Subject: security contact

Highlighted below.

From: Kathryn A. Thomas

Sent: Wednesday, October 7, 2015 4:32 PM

To: 'Wurfel, Sara (GOV)' <Wurfels@michigan.gov>

Subject: RE: Contact info

Would you mind if we were to have a Mott logo on the podium? It will be our only visual representation. If it's a problem, let me know.

Our head of security is Phil Snyder. (I never thought to ask if there's any relation!) His cell phone # is [REDACTED]

The main security number at our front desk is 810-767-5052. That will get you to one of whichever two guards are on duty at the desk.

The governor can park in the loading zone immediately along the back of our building. Our security staff will be watching for him and can let him in through the back door of the building. How many other vehicles will you need parking for?

I want to get this info off to you, but I am about to follow up with another e-mail. Stay tuned.

From: Wurfel, Sara (GOV) [<mailto:Wurfels@michigan.gov>]

Sent: Wednesday, October 7, 2015 4:19 PM

To: Kathryn A. Thomas <kthomas@mott.org>

Subject: RE: Contact info

Got it -- many thanks, Kathryn.

Also, here is what had mentioned about podium sign. Basic, to the point/message and no one entity as primary. Work and comfortable for that end?

We should indeed make sure there's security connections. Who is your point for that and contact info? I'm trying to verify who's going to be lead on our team's EP unit and will also share as soon as receive.

From: Kathryn A. Thomas [<mailto:kthomas@mott.org>]

Sent: Wednesday, October 07, 2015 1:27 PM

To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>

Subject: RE: Contact info

Brief correction for the address on the advisory. Our building manager advises that we should use the name that appears on the outside of the building so as to avoid confusion. She recommends the following:

Mott Foundation/Commerce Center Building
519 S. Saginaw Street
Conference Center, Ground Floor

I also wanted to ask if we should connect our building security staff with your security staff. Please let me know.

Thanks!

Kathryn

From: Wurfel, Sara (GOV) [<mailto:Wurfels@michigan.gov>]

Sent: Wednesday, October 7, 2015 12:41 PM

To: Kathryn A. Thomas <kthomas@mott.org>

Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>;

Janiszewski, Erik (GOV) <JaniszewskiE@michigan.gov>; Utley, Corey (GOV) <UtleyC@michigan.gov>

Subject: RE: Contact info

Many thanks, Kathryn.

So appreciate your and the Mott Foundation's leadership and assist on this and helping make the Dining Room conference center space in the Mott Foundation Building available.

Here too is all my contact information, along with our team who will be working on this as well. Have cc'd them here as well.

We'll wait to hear from you on some of the outstanding technical and logistical Qs, and also be back in touch as we have drafts of materials hopefully late this afternoon.

Laura Biehl

PPI mobile
biehl@michigan.gov

Anna Heaton

PPI mobile
heatona@michigan.gov

Corey Utley (Advance Coordinator)

PPI mobile
utleyc@michigan.gov

Depending on any particulars, we also may need our livestream guru and videographer, Erik Janiszewski, to connect with your IS services team as well. His mobile is **PPI** and JaniszewskiE@michigan.gov.

Thanks again and warm regards,
SW

Sara Wurfel, APR

Press Secretary | Executive Office of Governor Rick Snyder

wurfels@michigan.gov

517-335-6397, office

PPI mobile
Twitter: @SaraLW

From: Kathryn A. Thomas [<mailto:kthomas@mott.org>]

Sent: Wednesday, October 07, 2015 12:18 PM

To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>

Subject: Contact info

Hi, Sara.

My direct office number and cell are both listed below. I am off in pursuit of answers to your immediate questions.

Best regards,
Kathryn

Kathryn Thomas
Vice President -- Communications
Charles Stewart Mott Foundation

503 S. Saginaw Street, Suite 1200

Flint, MI 48502-1851

office: 810-766-1734 | cell: **PPI**

Gov. Rick Snyder: ~~Move back~~Return to ~~Lake Huron~~Detroit water provides best protection for public health in Flint

~~State, Mott Foundation and city and -Mott Foundation form partnership~~join to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or \$6 million, of the \$12 million needed to reconnect with the authority. The Flint city government will provide \$2 million, and the Charles Stewart Mott Foundation will ~~donate~~has committed \$4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donations support, and the dedication of all parties to come together to protect Flint families and children."

"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," said Mott Foundation President Ridgway White. "We believe that reconnecting the city's water supply to Lake Huron is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

INSERT MAYOR QUOTE HERE

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

INSERT MOTT FOUNDATION QUOTE HERE

Comment [KAT1]: The real issue is not one city's water versus another – it's the source of the water.

Comment [KAT2]: We cannot say "form partnership."

Comment [KAT3]: If we are talking about the source, shouldn't that be Lake Huron?

Comment [KAT4]: This makes it sound as if it costs \$12 million to reconnect. I suggest clarifying that \$12 million is the cost of the contract for the next nine months of using the water.

Comment [KAT5]: We cannot say "donate." And because the Mott grant has not yet been made, we need to describe it as a "commitment."

Comment [KAT6]: Suggest moving this below.

Comment [KAT7]: We do not want to have a Mott quote after the preceding line.

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, ~~including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure.~~

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 11:52 PM
To: Murray, David (GOV); Agen, Jarrod (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV)
Subject: RE: Press release with mayor, Mott quotes

Importance: High

Team –

A few things based on other dept edits. See below highlighted. I believe these are necessary and help. But please review and make sure makes sense to you as well.

Also – the Detroit system pulls from both Lake Huron and the Detroit River. Mott is working on amending Ridgway's quote. See below for info:

Water 101/Q&A about Water Treatment - http://www.dwsd.org/pages_n/water101.html

Q: What is the source my drinking water?

A: The Detroit Water and Sewerage Department gets all of its water from the Detroit River and Lake Huron.

Detroit Water & Sewerage Dept Fact Sheet ...

http://www.dwsd.org/downloads_n/about_dwsd/fact_sheet/dwsd_fact_sheet.pdf

The water system draws fresh water from the Great Lakes System, with Lake Huron to the north and the Detroit River to the south.

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 10:44 PM
To: Snyder, Rick (GOV); PPI; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Lasher, GERALYN (DHHS) <lasherg@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Press release with mayor, Mott quotes

Good evening Governor and team,

Here's the most updated version of the press release, including quotes and incorporating suggestions from Mayor Walling and the Mott Foundation friends. Please let me know if there are any other changes. Thank you for your assistance.

Dave

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation, city form partnership to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or \$6 million, of the \$12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide \$2 million and the Charles Stewart Mott Foundation has committed \$4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children."

Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues. Flint's move to the Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," Mott Foundation President Ridgway White said. "We believe that reconnecting the city's water supply to Lake Huron is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

The move to Detroit water, which is drawn from Lake Huron, is expected to carry many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority water already has additional corrosion control, using phosphates to help coat the insides of pipes and limit lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

"Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system," Flint Mayor Dayne Walling said. "I appreciate the state, the Mott Foundation, Detroit, and the county's participation in a solution for Flint's water problems. The health and safety of Flint's families, children and seniors is my top priority and reconnecting to Detroit is a major step that the city could not take alone given budget constraints."

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. **"MOVED FROM 4" GRAPH TO HERE FOR FLOW ON ADDITIONAL STATE ACTION"** The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Wurfel, Sara (GOV)
Sent: Thursday, October 08, 2015 12:05 AM
To: Murray, David (GOV); Agen, Jarrod (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV)
Subject: Re: Press release with mayor, Mott quotes
Attachments: image001.jpg

Also we need to add in Jason Lorenz from City of Flint, and Kathryn Thomas from Mott Foundation as contacts on the release. And Karen from DEQ too.

Forwarding vcards to Anna for incorporation.

Sent from my iPad

On Oct 7, 2015, at 11:52 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Team –

A few things based on other dept edits. See below highlighted. I believe these are necessary and help. But please review and make sure makes sense to you as well.

Also – the Detroit system pulls from both Lake Huron and the Detroit River. Mott is working on amending Ridgway's quote. See below for info:

Water 101/Q&A about Water Treatment - http://www.dwsd.org/pages_n/water101.html

Q: What is the source my drinking water?

A: The Detroit Water and Sewerage Department gets all of its water from the Detroit River and Lake Huron.

Detroit Water & Sewerage Dept Fact Sheet –

http://www.dwsd.org/downloads_n/about_dwsd/fact_sheet/dwsd_fact_sheet.pdf

The water system draws fresh water from the Great Lakes System, with Lake Huron to the north and the Detroit River to the south.

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 10:44 PM
To: Snyder, Rick (GOV) [REDACTED]; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Lasher, GERALYN (DHHS) <lasherg@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Press release with mayor, Mott quotes

Good evening Governor and team,

Here's the most updated version of the press release, including quotes and incorporating suggestions from Mayor Walling and the Mott Foundation friends. Please let me know if there are any other changes. Thank you for your assistance.

Dave

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation, city form partnership to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or \$6 million, of the \$12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide \$2 million and the Charles Stewart Mott Foundation has committed \$4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children."

Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues. Flint's move to the Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," Mott Foundation President Ridgway White said. "We believe that reconnecting the city's water supply to Lake Huron is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

The move to Detroit water, which is drawn from Lake Huron, is expected to carry many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority water already has additional corrosion control, using phosphates to help coat the insides of pipes and limit lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

"Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system," Flint Mayor Dayne Walling said. "I appreciate the state, the Mott Foundation, Detroit, and the county's participation in a solution for Flint's water problems. The health and safety of

Flint's families, children and seniors is my top priority and reconnecting to Detroit is a major step that the city could not take alone given budget constraints."

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. **MOVED FROM 4" GRAPH TO HERE FOR FLOW ON ADDITIONAL STATE ACTION** The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray

<image001.jpg>

From: Baird, Richard (GOV)
Sent: Tuesday, October 13, 2015 11:46 AM
To: Wurfel, Sara (GOV); Murray, David (GOV); Workman, Wayne (TREASURY)
Subject: Fwd: Re: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response

Is this okay with you folks? I think Darnell is feeling unfairly maligned.

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: Kelly Rossman-McKinney <krossman@truscottrossman.com>
Date: Oct 13, 2015 11:37 AM
Subject: Re: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response
To: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Cc: connersp@michigan.gov, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Walsh, John (GOV)" <WalshJ@michigan.gov>, "McPhee, Karen (GOV)" <McPheeKI@michigan.gov>, "Murray, David (GOV)" <MurrayDI@michigan.gov>, "Khouri, Nick (TREASURY)" <KhouriN@michigan.gov>, "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>, "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Snyder, Rick (GOV)" <PPI>, Darnell Earley <darnell.earley@detroitk12.org>

Works for me!

Sent from my iPhone

On Oct 13, 2015, at 11:24 AM, Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org> wrote:

All,

Mr. Earley asked me to share with you his response to the below media inquiry. It was as follows:

"The decision to separate from DWSD and go with the Karegnondi Water Authority, including the decision to pump Flint river water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 in March of 2013 - a full seven months before I began my term as Emergency Manager. That vote was supported and signed into emergency order by then Emergency Manager Edward Kurtz on March 29, 2013. It was my responsibility to implement the previously accepted and approved plan as the contract with DWSD expired in April 2014 during my term as EM. It did not fall to me to second guess or to invalidate the actions that were taken prior to my appointment. An even bigger concern that everyone should be focused on moving forward is what is done in the long-term to replace the crumbling water distribution system that exists throughout Flint and Genesee County."

Please let him know if you have any questions.

Thanks.

Michelle Z.

Michelle A. Zdrodowski

Executive Director of Communications

Detroit Public Schools

3011 W. Grand Boulevard, 14th Floor

Detroit, MI 48202

313.873.3238, office

PPI mobile

From: Debbie Frazier

Sent: Tuesday, October 13, 2015 10:27 AM

To: Michelle Zdrodowski; Chrystal Wilson; Da'Stanza Murphy

Subject: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)

Ron Fonger - Flint Journal

810-347-9963 - rfonger1@mlive.com

Re: The State Democratic Party just issued a letter to the Governor to fire Mr. Earley due to his decision the switch the water system. As soon as he's done writing, he will issue it online but wants to include a statement for Mr. Earley.

Debbie Frazier

Office Manager

Detroit Public Schools

Office of Communications

Fisher Building, 14th Floor

3011 West Grand Boulevard

Detroit, MI 48202

(313) 873-3494 desk

(313) 873-6269 fax

From: Workman, Wayne (TREASURY)
Sent: Tuesday, October 13, 2015 12:29 PM
To: Baird, Richard (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Re: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response

The only change might be to add that DWSD terminating Flint from their system caused Flint to go to the river, Just saw Darnell at HOB.

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Baird, Richard (GOV)
Sent: Tuesday, October 13, 2015 11:46 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>
Subject: Fwd: Re: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response

Is this okay with you folks? I think Darnell is feeling unfairly maligned.

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: Kelly Rossman-McKinney <krossman@truscottrossman.com>
Date: Oct 13, 2015 11:37 AM
Subject: Re: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response
To: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Cc: connersp@michigan.gov, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Walsh, John (GOV)" <WalshJ@michigan.gov>, "McPhee, Karen (GOV)" <McPheeK1@michigan.gov>, "Murray, David (GOV)" <MurrayD1@michigan.gov>, "Khouri, Nick (TREASURY)" <KhouriN@michigan.gov>, "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>, "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Snyder, Rick (GOV)" [REDACTED] Darnell Earley <darnell.earley@detroitk12.org>

Works for me!

Sent from my iPhone

On Oct 13, 2015, at 11:24 AM, Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org> wrote:

All,

Mr. Earley asked me to share with you his response to the below media inquiry. It was as follows:

"The decision to separate from DWSD and go with the Karegnondi Water Authority, including the decision to pump Flint river water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 in March of 2013 - a full seven months before I began my term as Emergency Manager. That vote was supported and signed into emergency order by then Emergency Manager Edward Kurtz on March 29, 2013. It was my responsibility to implement the previously accepted and approved plan as the contract with DWSD expired in April 2014 during my term as EM. It did not fall to me to second guess or to invalidate the actions that were taken prior to my appointment. An even bigger concern that everyone should be focused on moving forward is what is done in the long-term to replace the crumbling water distribution system that exists throughout Flint and Genesee County."

Please let him know if you have any questions.

Thanks.

Michelle Z.

Michelle A. Zdrodowski

Executive Director of Communications

Detroit Public Schools

3011 W. Grand Boulevard, 14th Floor

Detroit, MI 48202

313.873.3238, office

PPI mobile

From: Debbie Frazier

Sent: Tuesday, October 13, 2015 10:27 AM

To: Michelle Zdrodowski; Chrystal Wilson; Da'Stanza Murphy

Subject: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)

Ron Fonger - Flint Journal

810-347-9963 - rfonger1@mlive.com

Re: The State Democratic Party just issued a letter to the Governor to fire Mr. Earley due to his decision to switch the water system. As soon as he's done writing, he will issue it online but wants to include a statement for Mr. Earley.

Debbie Frazier

Office Manager

Detroit Public Schools

Office of Communications

Fisher Building, 14th Floor

3011 West Grand Boulevard

Detroit, MI 48202

(313) 873-3494 desk

(313) 873-6269 fax

From: Agen, Jarrod (GOV)
Sent: Wednesday, October 21, 2015 1:27 PM
To: Sara Wurfel; Murray, David (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Paciorek, Josh (GOV)
Subject: Fwd: Task Force release
Attachments: image001.jpg

Lets get this out between 2pm-2:15pm at the LATEST!

Begin forwarded message:

From: "Snyder, Rick (GOV)" [REDACTED] PPI
Date: October 21, 2015 at 1:15:45 PM EDT
To: "Murray, David (GOV)" <MurrayD1@michigan.gov>
Cc: "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>
Subject: RE: Task Force release

Looks good.

Thanks
Rick

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 1:09 PM
To: Snyder, Rick (GOV) [REDACTED] PPI
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: Task Force release

Good afternoon, Governor.

Jarrold asked me to send you a copy of the release, updated with input from the task force members. I've also attached the discussion points the members created during their meeting.

Please let me know if you 'd like any changes. Our plan is to release before your MiWeek interview so you can reference it.

Dave

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations
Experts in public health, water management, environmental protection to focus on steps to protect residents

LANSING, Mich. – Gov. Rick Snyder today announced the creation of an independent advisory task force charged with reviewing actions regarding water use and testing in Flint and offer recommendations for future guidelines to protect the health and safety of all state residents.

Task force members include experts in public health and medicine, water management, and environmental protection from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

"Transitioning back to the Detroit Water and Sewerage Department-Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on potential changes to law, procedures and practices will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the residents in Flint and all of Michigan."

Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of \$1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Snyder has said reconnecting with the authority is a critical step to resolving water quality issues and addressing related health concerns. It will not immediately resolve the city's problem with

lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

Dave Murray

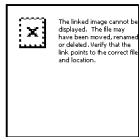
Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 9:35 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV)
Cc: Murray, David (GOV)
Subject: FW: state money for detroit water

Importance: High

Please see below.

No good deed goes unpunished. This looks like may be next big issue.

I thought GLWA-DWSD was NOT going to require the entire sum all up front?

From: Ronald Fonger [<mailto:RFONGER1@mlive.com>]
Sent: Thursday, October 22, 2015 9:28 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: state money for detroit water

Sara:

I was at a City Council meeting last night when Flint City Administrator Natasha Henderson said the state has only wired Flint \$2 million of the \$6 million approved by the state Legislature.

She said the city has been told it will receive an additional \$2 million in January and another \$2 million in April.

Henderson said she's asked that the money be sent immediately because the city was required to pay Detroit the entire \$12 million upfront, before the water was reconnected, and its water and sewer fund balance has dropped significantly as a result.

Several council members also spoke about this, and Council President Josh Freeman called the payment plan "beyond ridiculous" given the city's financial position.

Is there someone who can talk to us about this?

Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile: PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Baird, Richard (GOV)
Sent: Thursday, October 22, 2015 9:43 AM
To: Wurfel, Sara (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV)
Cc: Murray, David (GOV)
Subject: RE: state money for detroit water

The deal was monthly payments. I will get into this as quick as I can but I am sure she has it wrong or someone in DWSD is befuddled.

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 9:35 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV)
Cc: Murray, David (GOV)
Subject: FW: state money for detroit water
Importance: High

Please see below.

No good deed goes unpunished. This looks like may be next big issue.

I thought GLWA-DWSD was NOT going to require the entire sum all up front?

From: Ronald Fonger [<mailto:RFONGER1@mlive.com>]
Sent: Thursday, October 22, 2015 9:28 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: state money for detroit water

Sara:
I was at a City Council meeting last night when Flint City Administrator Natasha Henderson said the state has only wired Flint \$2 million of the \$6 million approved by the state Legislature.
She said the city has been told it will receive an additional \$2 million in January and another \$2 million in April.
Henderson said she's asked that the money be sent immediately because the city was required to pay Detroit the entire \$12 million upfront, before the water was reconnected, and its water and sewer fund balance has dropped significantly as a result.
Several council members also spoke about this, and Council President Josh Freeman called the payment plan "beyond ridiculous" given the city's financial position.
Is there someone who can talk to us about this?
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile **PPI**

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 9:58 AM
To: Baird, Richard (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV)
Cc: Murray, David (GOV)
Subject: RE: state money for detroit water

Thanks much – that was the last I had knew and understood too about how was supposed to work.

Just trying to either correct and nip in bud ASAP before this gets out of hand.

But also imperative that we have facts first.

p.s.
Have also talked with Treasury and SBO teams and they're looking into from their respective ends as well.

From: Baird, Richard (GOV)
Sent: Thursday, October 22, 2015 9:43 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: state money for detroit water

The deal was monthly payments. I will get into this as quick as I can but I am sure she has it wrong or someone in DWSD is befuddled.

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 9:35 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV)
Cc: Murray, David (GOV)
Subject: FW: state money for detroit water
Importance: High

Please see below.

No good deed goes unpunished. This looks like may be next big issue.

I thought GLWA-DWSD was NOT going to require the entire sum all up front?

From: Ronald Fonger [<mailto:RFONGER1@mlive.com>]
Sent: Thursday, October 22, 2015 9:28 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: state money for detroit water

Sara:

I was at a City Council meeting last night when Flint City Administrator Natasha Henderson said the state has only wired Flint \$2 million of the \$6 million approved by the state Legislature.

She said the city has been told it will receive an additional \$2 million in January and another \$2 million in April.

Henderson said she's asked that the money be sent immediately because the city was required to pay Detroit the entire \$12 million upfront, before the water was reconnected, and its water and sewer fund balance has dropped significantly as a result.

Several council members also spoke about this, and Council President Josh Freeman called the payment plan "beyond ridiculous" given the city's financial position.

Is there someone who can talk to us about this?

Thanks,

Ron Fonger

MLive Media Group

Reporter

mobile

PPI

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 12:16 PM
To: Baird, Richard (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV)
Cc: Murray, David (GOV)
Subject: RE: state money for detroit water

Importance: High

So sounds like based on conf call that was just had, that for some reason the city did indeed agree to all up front.

Clearly don't want to throw city under the bus as that's certainly not going help situation, but since having them do that to us as has already started, please see below bullets. Fact based and shows state's immediate action to again help address. Work? Any concerns or changes?

- * The initial agreement and understanding was for monthly payments.
- * Unbeknownst to the state, the city entered into an arrangement for one upfront sum and payment.
- * Now that we are aware of this and have confirmed that final arrangement, the state is taking steps to immediately wire the money to the city. They should have all of the state funds within a business day or two.

Please weigh in ASAP.

Thanks much,
SW

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 9:58 AM
To: Baird, Richard (GOV) <bairdr@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: state money for detroit water

Thanks much – that was the last I had knew and understood too about how was supposed to work.

Just trying to either correct and nip in bud ASAP before this gets out of hand.

But also imperative that we have facts first.

p.s.
Have also talked with Treasury and SBO teams and they're looking into from their respective ends as well.

From: Baird, Richard (GOV)
Sent: Thursday, October 22, 2015 9:43 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>

Cc: Murray, David (GOV) <MurrayD1@michigan.gov>

Subject: RE: state money for detroit water

The deal was monthly payments. I will get into this as quick as I can but I am sure she has it wrong or someone in DWSD is befuddled.

From: Wurfel, Sara (GOV)

Sent: Thursday, October 22, 2015 9:35 AM

To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV)

Cc: Murray, David (GOV)

Subject: FW: state money for detroit water

Importance: High

Please see below.

No good deed goes unpunished. This looks like may be next big issue.

I thought GLWA-DWSD was NOT going to require the entire sum all up front?

From: Ronald Fonger [<mailto:RFONGER1@mlive.com>]

Sent: Thursday, October 22, 2015 9:28 AM

To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>

Subject: state money for detroit water

Sara:

I was at a City Council meeting last night when Flint City Administrator Natasha Henderson said the state has only wired Flint \$2 million of the \$6 million approved by the state Legislature.

She said the city has been told it will receive an additional \$2 million in January and another \$2 million in April.

Henderson said she's asked that the money be sent immediately because the city was required to pay Detroit the entire \$12 million upfront, before the water was reconnected, and its water and sewer fund balance has dropped significantly as a result.

Several council members also spoke about this, and Council President Josh Freeman called the payment plan "beyond ridiculous" given the city's financial position.

Is there someone who can talk to us about this?

Thanks,

Ron Fonger

MLive Media Group

Reporter

mobile

PPI

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502

From: Agen, Jarrod (GOV)
Sent: Thursday, October 22, 2015 12:30 PM
To: Wurfel, Sara (GOV); Baird, Richard (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Cc: Murray, David (GOV)
Subject: RE: state money for detroit water

Overall it works for me.
Although, just add some urgency/compassion.

- We want to ensure that there are no complications or interruptions in Flint residents receiving water from GWLA, so we are taking steps immediately wire the money to the city. They should have all of the state funds within a business day or two.

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 12:16 PM
To: Baird, Richard (GOV) <bairdr@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: state money for detroit water
Importance: High

So sounds like based on conf call that was just had, that for some reason the city did indeed agree to all up front.

Clearly don't want to throw city under the bus as that's certainly not going help situation, but since having them do that to us as has already started, please see below bullets. Fact based and shows state's immediate action to again help address. Work? Any concerns or changes?

- The initial agreement and understanding was for monthly payments.
- Unbeknownst to the state, the city entered into an arrangement for one upfront sum and payment.
- Now that we are aware of this and have confirmed that final arrangement, the state is taking steps to immediately wire the money to the city. They should have all of the state funds within a business day or two.

Please weigh in ASAP.

Thanks much,
SW

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 9:58 AM
To: Baird, Richard (GOV) <bairdr@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: state money for detroit water

Thanks much -- that was the last I had knew and understood too about how was supposed to work.

Just trying to either correct and nip in bud ASAP before this gets out of hand.

But also imperative that we have facts first.

p.s.

Have also talked with Treasury and SBO teams and they're looking into from their respective ends as well.

From: Baird, Richard (GOV)

Sent: Thursday, October 22, 2015 9:43 AM

To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>

Cc: Murray, David (GOV) <MurrayD1@michigan.gov>

Subject: RE: state money for detroit water

The deal was monthly payments. I will get into this as quick as I can but I am sure she has it wrong or someone in DWSD is befuddled.

From: Wurfel, Sara (GOV)

Sent: Thursday, October 22, 2015 9:35 AM

To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV)

Cc: Murray, David (GOV)

Subject: FW: state money for detroit water

Importance: High

Please see below.

No good deed goes unpunished. This looks like may be next big issue.

I thought GLWA-DWSD was NOT going to require the entire sum all up front?

From: Ronald Fonger [<mailto:RFONGER1@mlive.com>]

Sent: Thursday, October 22, 2015 9:28 AM

To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>

Subject: state money for detroit water

Sara:

I was at a City Council meeting last night when Flint City Administrator Natasha Henderson said the state has only wired Flint \$2 million of the \$6 million approved by the state Legislature.

She said the city has been told it will receive an additional \$2 million in January and another \$2 million in April.

Henderson said she's asked that the money be sent immediately because the city was required to pay Detroit the entire \$12 million upfront, before the water was reconnected, and its water and sewer fund balance has dropped significantly as a result.

Several council members also spoke about this, and Council President Josh Freeman called the payment plant "beyond ridiculous" given the city's financial position.

Is there someone who can talk to us about this?

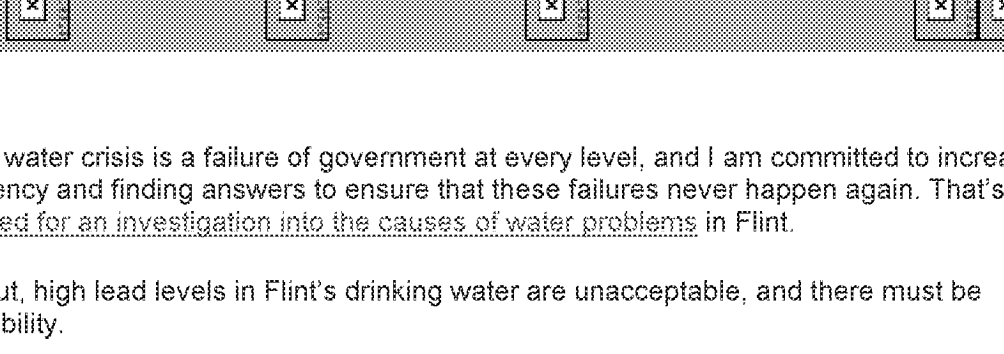
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502



Dear ,

The Flint water crisis is a failure of government at every level, and I am committed to increasing transparency and finding answers to ensure that these failures never happen again. That's why I have [called for an investigation into the causes of water problems in Flint](#).

Simply put, high lead levels in Flint's drinking water are unacceptable, and there must be accountability.

As part of my ongoing efforts, I am holding a **telephone town hall with constituents on Wednesday, October 28th, at 7 p.m. ET** to provide an update on my efforts. I'll be joined by both Dr. Mona Hanna-Attisha and Dr. Marc Edwards, who both conducted critical tests that exposed unacceptable lead levels in Flint. On the live call, we will also answer questions from Flint residents.

If you're interested in joining our conversation, please RSVP [here](#), or fill out the form below.

What is your preferred Prefix (Mr./Mrs./Ms./Dr., etc)?
[]

What is your First Name?
[]

What is your Last Name?

[]

What phone number would you like to use to participate in the telephone town hall?

[]

What is your Email Address?

[]

What is your Address?

[]

What is your Zip Code?

[]

[RSVP!]

[Click to open in a separate window](#)

For months, I have been pressing state and federal agencies for immediate resources and action to improve and restore confidence in water quality. At the federal level, I am pushing for resources to ensure the safety of water, but also make much-needed repairs to our city's aging water system and infrastructure. *The Flint Journal* covered these federal efforts in March. You can view them [here](#).

Additionally, I welcome the announcement recently that the U.S. Environmental Protection Agency will send technical advisors to Flint to assist the city and state. I have [repeatedly asked](#) the EPA to send these much-needed experts to help improve the water quality and hopefully restore some public confidence in the safety of our water.

Serious issues remain, and there is a long way to go before complete confidence in the city's drinking water is restored. I am committed to working to ensure that Flint residents get a thorough investigation and answers to their questions.

I hope you'll join me next Wednesday for a telephone town hall update on Flint water.

Sincerely,

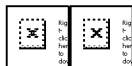


Dan Kildee

Washington D.C. Office
227 Cannon HOB
Washington, DC 20515
Phone: (202) 225-3611
Hours: 9:00 a.m. - 6:00 p.m.

District Office
111 East Court Street, #3B
Flint, MI 48502
Phone: (810) 238-8627
Hours: 9:00 a.m. - 5:00 p.m.

[Unsubscribe](#) | [Privacy Policy](#)



From: Wurfel, Sara (GOV)
Sent: Friday, October 23, 2015 3:35 PM
To: Agen, Jarrod (GOV); Murray, David (GOV); Hollins, Harvey (GOV); Baird, Richard (GOV)
Subject: FW: Flint Wire Request for TODAY (10/23)

FYI all – good news.

City of Flint should have remainder of funds today, or latest Monday morning. All \$6M will now have been transferred.

From: Wurfel, Sara (GOV)
Sent: Friday, October 23, 2015 2:17 PM
To: 'Saxton, Thomas (Treasury)' <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Sygo, Jim (DEQ) <SygoJ@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
Cc: Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
Subject: RE: Flint Wire Request for TODAY (10/23)

Great news – thanks for quick work on this all!

Does this mean city will receive today, or how does this particular wiring process work? Seems like it would be today.

From: Saxton, Thomas (Treasury)
Sent: Friday, October 23, 2015 1:59 PM
To: Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Sygo, Jim (DEQ) <SygoJ@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
Cc: Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: FW: Flint Wire Request for TODAY (10/23)

The state's \$4mm is on its way to the City.

From: Christenson, Elysse (TREASURY)
Sent: Friday, October 23, 2015 1:57 PM
To: Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Fielek, Joseph L. (Treasury) <FIELEKJ@michigan.gov>
Cc: Gross, Sara (Treasury) <GrossS1@michigan.gov>; Lindsay, Brenda (Treasury) <LindsayB2@michigan.gov>; Acker, Chelsea (TREASURY) <AckerC@michigan.gov>; Boyne, David (Treasury) <BoyneD@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>
Subject: RE: Flint Wire Request for TODAY (10/23)

Hi Tom,

The wire has been released.

Thanks,

Elysse Christenson, Departmental Analyst

Banking and Disbursements Section
Office of Financial Services
Michigan Department of Treasury
Ph: 517.636.5384
Christensone1@michigan.gov

From: Saxton, Thomas (Treasury)
Sent: Friday, October 23, 2015 1:56 PM
To: Fielek, Joseph L. (Treasury) <FIELEKJ@michigan.gov>; Christenson, Elysse (TREASURY) <ChristensonE1@michigan.gov>
Cc: Gross, Sara (Treasury) <GrossS1@michigan.gov>; Lindsay, Brenda (Treasury) <LindsayB2@michigan.gov>; Acker, Chelsea (TREASURY) <AckerC@michigan.gov>; Boyne, David (Treasury) <BoyneD@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>
Subject: RE: Flint Wire Request for TODAY (10/23)

Please let me know when the wire actually gets launched. Thanks for your efforts.

From: Fielek, Joseph L. (Treasury)
Sent: Friday, October 23, 2015 1:06 PM
To: Christenson, Elysse (TREASURY) <ChristensonE1@michigan.gov>
Cc: Gross, Sara (Treasury) <GrossS1@michigan.gov>; Lindsay, Brenda (Treasury) <LindsayB2@michigan.gov>; Acker, Chelsea (TREASURY) <AckerC@michigan.gov>; Boyne, David (Treasury) <BoyneD@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>
Subject: RE: Flint Wire Request for TODAY (10/23)

Request approved, signed paper work will follow.

From: Christenson, Elysse (TREASURY)
Sent: Friday, October 23, 2015 12:41 PM
To: Fielek, Joseph L. (Treasury) <FIELEKJ@michigan.gov>
Cc: Gross, Sara (Treasury) <GrossS1@michigan.gov>; Lindsay, Brenda (Treasury) <LindsayB2@michigan.gov>; Acker, Chelsea (TREASURY) <AckerC@michigan.gov>; Boyne, David (Treasury) <BoyneD@michigan.gov>
Subject: Flint Wire Request for TODAY (10/23)
Importance: High

Hi Joe,

Please provide your approval for the attached Flint wire request.

I will be leaving at 2:00 today so please be sure to include my coworker Chelsea Acker on your response.

Thanks,
Elysse

From: Wurfel, Sara (GOV)
Sent: Monday, November 09, 2015 3:47 PM
To: Murray, David (GOV)
Subject: RE: Flint water school testing results - TODAY

Dave – you'll want to make sure governor is aware of this too given today's timing just in case. These are kinds of things we need and want to make sure he and senior staff have a heads up on.

From: Wurfel, Sara (GOV)
Sent: Monday, November 09, 2015 3:47 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wisniewski, Wendy (GOV) <wisniewski@michigan.gov>; Scott, Allison (GOV) <scotta12@michigan.gov>
Subject: FW: Flint water school testing results - TODAY
Importance: High

Please see below and attached release per brief convo at senior staff. Still no exact word on timing of blood lead level data from DHHS – hopefully by late this week.

DEQ also has video that they'll be using for some footage of the testing with TV stations. Link here:
<https://youtu.be/Amy4cDW7RtA>

Freeman Elementary water testing shows lead exposure limited to fixtures

Experts release water testing results on schools and homes in Flint

As part of Gov. Rick Snyder's action plan for Flint drinking water, the DEQ today released water testing data from nearly 400 homes and businesses in Flint as well as comprehensive sampling results from Freeman Elementary School.

Both sets of data indicate the problems with lead are localized to individual buildings or even individual faucets, rather than system-wide issues.

"The results from this data underline the need for water testing at all homes, businesses, schools and other buildings in Flint," said George Krisztian, the DEQ's Flint Action Plan Coordinator. "Problems with lead exposure appear to be localized to individual service lines or plumbing fixtures, and we want to see all families in Flint take advantage of free water testing from the state."

Freeman Elementary testing results

At Freeman Elementary, 31 faucets were tested using a series of four samples each. Twenty-two outlets did not show elevated lead exposure, but nine faucets came back with initially high results.

Those nine outlets involve brass components, indicating the problem involves the fixtures or plumbing immediately surrounding the fixture. When the faucets and fountains were operated for several minutes, lead levels fell significantly, in some cases to non-detectable levels.

Additional testing designed to look deep into the school's plumbing did not suggest larger, systemic issues.

Freeman Elementary has several options for remedying the issues at these nine faucets and fountains. The school can elect not to use those particular fountains, or implement a formalized flushing regimen. The sampling results indicate that for all but one tap, a 3- to 4-minute flushing period each morning would drastically reduce lead exposure.

For a permanent solution, the school should opt to replace the faucets and fountains of concern.

"The safety and health of our students are our primary concern at Flint Community Schools, so we will start work as soon as possible to replace faucets, aerators and other related components where high lead levels were detected," FCS Superintendent Bilal Tawwab said. "Once those fixes have been made, the DEQ has offered to provide additional testing of the water at Freeman Elementary to ensure the water from every sample is safe for our students. Flint Community Schools appreciates the efforts by the DEQ, working with all stakeholders to make sure our water continues to be tested and that our students have access to safe, clean drinking water."

For Freeman Elementary's complete sampling results and more information about how sampling was conducted, visit www.michigan.gov/flintwater.

The DEQ and the DLARA also have conducted sampling at other Flint schools, and results will soon be available on the DEQ's website. Additionally, the state will test every other school in the Flint Community Schools district, as well as any school or daycare in the city. Interested schools and daycare centers should contact George Krisztian at krisztian@michigan.gov.

Homeowner and other customer-requested testing results

Results from the 381 samples from homes, businesses, schools and other facilities that took advantage of free water testing through the state showed similar, localized results. More than 75 percent of the samples analyzed demonstrated lead results of 5 parts per billion or less, and more than 91 percent demonstrated lead results of 15 parts per billion or less.

This data suggests that while some homes experience elevated lead level results due to lead service lines or in-home plumbing, many other homes experience little to no lead. This can make it difficult for homeowners and businesses to predict their lead exposure.

"Since it's not easy to predict if an individual home's water is at risk for lead, the best thing all residents can do is get their water tested," Krisztian said. "It's a free test that provides valuable information for families."

Testing is available for free by contacting the Flint Water Plant at 810-787-6537 and pressing 1, or by emailing flintwater@cityofflint.com.

For more information about water samples received through the state's free testing program, visit www.michigan.gov/flintwater.

How school sampling was conducted

To conduct this comprehensive sampling, the DEQ and Michigan Department of Licensing and Regulatory Affairs began on Oct. 23 with a thorough plumbing assessment of the school to gain a comprehensive understanding of how water moves through the building and what types of plumbing materials are used. The assessment also identified 31 faucets or fountains in the school that provide water for drinking, cooking and/or food preparation.

On Oct. 24, the DEQ and DLARA took four, 125-milliliter samples from each of the 31 identified faucets and fountains. The first two samples were taken immediately after turning on the faucet, followed by a 30-second flush and then the third sample, followed by a 2-minute flush and then the fourth sample. These samples

provided information on the impact of any lead sources in or around each specific faucet and fountain as well as its connecting plumbing.

On Oct. 31, the DEQ and DLARA took an additional 30 samples, 10 each from three sites in the school. These 1-liter samples were taken consecutively, and provided information about the impact of any lead sources deep in the building's plumbing.

From: Brown, Jessica (GOV)
Sent: Monday, November 09, 2015 2:44 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: FW: Flint water school testing results - 3 PM

Saw Dave was on this but since he's on the road, thought you should definitely see as well. DEQ is planning to issue at 3 p.m.

This is the first I've seen a draft but Dave may have been looped in on the back end. Looks ok and pretty thorough to me. If you need help trying to track any background info down let me know. Happy to reach out.

From: Tommasulo, Karen (DEQ)
Sent: Monday, November 09, 2015 2:31 PM
To: Lasher, GERALYN (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Edgerton, Shelly (LARA) <EdgertonS1@michigan.gov>; Dykema, Linda D. (DHHS) <DykemaL@michigan.gov>; Wells, Eden (DHHS) <WellsE3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Feuerstein, Heather (DEQ) <FeuersteinH@michigan.gov>
Subject: School testing results

We're planning to put out this press release along with a video and the full results of the school and homeowner testing around 3 today. George Krisztian is taking calls.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | 517-599-5733
tommasulok@michigan.gov

From: Anderson, Madhu (DEQ)
Sent: Tuesday, November 17, 2015 11:20 AM
To: Ken Sikkema (ksikkema@pscinc.com)
Cc: Agen, Jarrod (GOV); Baird, Richard (GOV); Muchmore, Dennis (GOV); Weber, Travis (GOV); Hollins, Harvey (GOV); Murray, David (GOV); Wurfel, Sara (GOV); Lyon, Nick (DHHS)
Subject: Privileged Attorney-Client Communication - Outline of Flint Drinking Water Issues
Attachments: DEQ's Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product -11-16-2015.pdf

Ken – Attached is the outline of the Flint Drinking Water issue (in a question and answer format) we have prepared for you to share with your colleagues on the Governor's Flint Water Task Force. Please let me know if we can provide any other material in preparation for the meeting tomorrow.



Madhu R. Anderson
Deputy Director, Economic and Strategic Initiatives
☎ 517 284 6702 | **PPI**
✉ andersonm30@michigan.gov



**City of Flint Drinking Water
Outline prepared by the
Michigan Department of Environmental Quality for the
Flint Water Task Force**

I. INTRODUCTION

This document is intended to provide an overview of Michigan's implementation of the Safe Drinking Water Act, 1976 PA 399, as amended (Act 399), with respect to events in the city of Flint (City), Michigan.

II. BACKGROUND

1. How has Flint historically obtained its drinking water?

The water system in the City was organized and built under private ownership in 1883 as the Flint Water Works Company to pump raw water from the Flint River to their consumers. In 1903, the system was converted to a municipally-owned corporation which supplied drinking water to the City. In 1967, the City became a customer of the Detroit Water and Sewerage Department (DWSD) system.

After the switch to DWSD, the City operated its water treatment plant as a standby plant for purposes of reliability in the event of an emergency, such as an interruption in service of the single pipeline from DWSD. In the last ten years, the water treatment plant was used as an emergency backup during two weeks in 2009: June 18 through June 20 and September 10 through September 13.

As a backup emergency water treatment plant, the City was required to operate the water treatment plant quarterly to demonstrate the capability to produce drinking water in accordance with Act 399 and to keep mechanical equipment (such as valves, rubber seals, etc.) in good working order. Each quarter, the water treatment plant was test run and samples were taken of both raw water and finished water (post-filters). Since the water treatment plant was upgraded in the early 2000s, monitoring showed that the water treatment plant was performing as designed.

Contractual obligations with DWSD did not allow treated water to be put into the City's distribution system during these test runs. Treated water was discharged to the Flint River in accordance with a National Pollutant Discharge Elimination System (NPDES) Permit. The test runs were for demonstration purposes, to keep the water treatment plant operational, and staff familiar with operation in the event it was needed in an emergency.

2. What State and Federal laws or rules exist to ensure safe drinking water is provided to City residents?

The federal Safe Drinking Water Act (federal SDWA) is the primary law that ensures the quality of Americans' drinking water. Under the federal SDWA, the United States Environmental Protection Agency (USEPA) sets standards for drinking water quality and oversees the states, localities, and water suppliers who implement those standards.

The federal SDWA was originally passed by Congress in 1974 to protect public health by regulating the nation's public drinking water supply. The law was amended in 1986 and 1996 and requires many actions to protect drinking water and its sources: rivers, lakes, reservoirs, springs, and ground water wells. (The federal SDWA does not regulate private wells which serve fewer than 25 individuals.)

Originally, the federal SDWA focused primarily on treatment as the means of providing safe drinking water at the tap. The 1996 amendments greatly enhanced the existing law by recognizing source water protection, operator training, funding for water system improvements, and public information as important components of safe drinking water. This approach ensures the quality of drinking water by protecting it from source to tap.

The most direct oversight of water systems is conducted by state drinking water programs. States can apply to the USEPA for "primacy," - the authority to implement the federal SDWA within their jurisdictions - if they will adopt standards at least as stringent as the USEPA's and enforce those standards. Michigan adopted the Safe Drinking Water Act in 1976 through Act 399 and has maintained primacy for the program since that time.

3. What is the USEPA's role as a regulatory agency in implementing the SDWA?

Federal and state governments share responsibility for administering drinking water programs. Under the federal SDWA, the USEPA is given the responsibility for developing national standards and regulations that apply to the nation's public drinking water systems and enforcing those standards, by working with states.

Michigan's drinking water program is evaluated annually by the USEPA for compliance with the federal SDWA. Based upon these evaluations, the USEPA continues to find Michigan's drinking water program to be compliant with the federal SDWA.

4. What is the Michigan Department of Environmental Quality's (DEQ) role as a regulatory agency in implementing the SDWA?

The federal SDWA permits states to accept oversight of the drinking water program under an agreement with the USEPA giving states primary enforcement responsibilities (or primacy). In addition to this delegation of federal authority to the states, states also have the power to create additional regulations and programs governing drinking water suppliers through their own legislative and regulatory processes. Michigan has had regulatory authority of public water supplies since 1913 (Waterworks and Sewerage Systems, 1913 PA 98).

The DEQ has been granted primary enforcement authority in Michigan for the federal SDWA under the authority of Act 399. As such, the DEQ, Office of Drinking Water and Municipal Assistance, has regulatory oversight for all public water supplies, including approximately 1,400 community water supplies and 10,000 noncommunity water supplies. A community water supply provides year-round service to 15 or more living units (homes, apartments, dorm rooms, etc.) or 25 or more residents. A noncommunity water supply has 15 or more service connections or serves 25 or more individuals on an average daily basis for not less than 60 days per year.

The DEQ engages in a variety of activities to help water systems remain in, or return to, compliance. These activities include: conducting surveillance visits (inspections) at water systems and reviewing facilities, equipment, and operations; requiring the submission of plans and specifications for waterworks system improvements and issuing construction permits; providing for the training, examination, certification and regulation of persons operating water supplies; helping systems incorporate preventive measures; and since 1996, providing financial assistance for system improvements.

5. What is the City's role in implementing the federal SDWA and Act 399?

State and federal programs develop regulations and perform oversight and compliance activities, but do not treat or deliver water to customers. At the local level, public and private water utilities collect, treat, and deliver drinking water to consumers in compliance with state and federal regulations.

The federal SDWA and Act 399 set up multiple barriers against contamination. These barriers include: source water protection, multiple treatment components, distribution system integrity, proper operations oversight, and public information. As the owner of a public water system, the City is responsible for knowing and following all requirements under Act 399, such as ensuring proper design, construction, operations and maintenance, so that contaminants in tap water do not exceed the standards established by law. The City treats the water, and must test its water routinely for specified contaminants and report the results to the DEQ. If a water system is not meeting these standards, it is the water supplier's responsibility to notify its customers.

The federal SDWA and Act 399 recognize that customers have the right to know what is in their drinking water and where it comes from. The City, like all water suppliers, must notify consumers when there is a problem with water quality.

The City submits samples of its water for laboratory testing (monitoring) to verify the water it provides to residents meets all federal and state standards. How often and where samples are taken varies from system to system and from contaminant to contaminant. The DEQ provides an annual monitoring schedule to the City setting forth these requirements.

In addition, the City is required to employ properly certified water operators that are trained and experienced to operate the treatment and distribution systems associated with the City's water system.

6. What approvals were needed from the DEQ in order for the City to begin using its water treatment plant full time?

The City had long ago been issued construction permits for raw water pumps to withdraw water from the Flint River and the City was grandfathered under the water withdrawal program (Part 327, Great Lakes Preservation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended), as were all existing community public water systems at that time. There were no additional DEQ

permissions or authorizations required under Act 399 because the City already had approval to use the water treatment plant.

Under Act 399, there are no licenses or permits required to operate public water systems. The City did apply for and obtained two construction permits prior to the water treatment plant changing from an emergency backup plant to full-time operation. These permits were for new chemical feed equipment, changes to the electrical service, etc.

III. THE FLINT RIVER – IS IT A SAFE SOURCE OF DRINKING WATER?

Seventy-five percent of Michigan's population served by a public water supply receive their drinking water from surface water sources, the majority of which is withdrawn from the Great Lakes. However, several public water supplies in Michigan utilize water from inland rivers. All surface water sources require significant treatment in order to be safe for consumption.

While all surface water sources must receive a high level of treatment, inland river sources present a greater challenge than water withdrawn from one of the Great Lakes because of rapidly changing water quality conditions. Under most circumstances, rivers are prone to greater fluctuations in temperature, have higher amounts of organic material, greater turbidity (suspended solids), and are more vulnerable to microbiological and viral contamination than Lakes Huron, Erie, Michigan or Superior. While the water chemistry in the Flint River differs from that in Lake Huron, it can still be treated in accordance with the federal SDWA and Act 399. The waterworks industry has the technology to treat wide ranging source waters to provide potable and palatable drinking water, including direct reuse of treated wastewater. Regardless of source water quality, all public water systems must comply with the same drinking water standards in the finished water.

It is not the source water that reacts with the homeowners plumbing in the distribution system, but rather the finished water quality that is important. Treated water leaving the City's water treatment plant does not contain lead. In addition, the treatment process employed by the City includes lime softening to reduce the hardness in the river water. The City includes lime softening and pH adjustment primarily to improve aesthetic water quality associated with hardness. Lime softening is not a process that water supply professionals would expect to increase corrosivity of water. The City, however, does practice recarbonation to readjust pH at the end of the softening process.

pH levels of finished water leaving the City's water treatment plant averaged 7.7. Expanded water monitoring conducted quarterly at 25 sample sites located throughout the distribution system showed the following:

July – September 2014	average pH = 7.71	range: 7.56 – 7.86
October – December 2014	average pH = 7.88	range: 7.62 – 8.10
January – March 2015	average pH = 7.81	range: 7.60 – 7.99
April – June 2015	average pH = 7.63	range: 7.48 – 7.80

The data below was obtained at ten of the sampling locations throughout the City's distribution system, while they were still purchasing water from DWSD before the City switched to the Flint River as a source:

January – March 2014 (DWSD)	average pH = 7.47	range: 7.40 – 7.54
April 2014 (DWSD)	average pH = 7.49	range: 7.42 – 7.59

Note that the pH of the treated water produced while the City was using the Flint River did not differ significantly from pH values seen in the distribution system during the time the City purchased water from DWSD. Thus, pH monitoring provided no indication of a change in water corrosivity.

IV. *E. COLI* AND TOTAL COLIFORM BACTERIA VIOLATIONS

1. What caused the *E. coli* and total coliform bacteria violations experienced by the City in August and September 2014?

A number of factors, primarily related to distribution system operation and maintenance, likely contributed to the Boil Water Advisories in the City during August and September 2014 triggered by exceedances of bacteria standards in limited areas of the distribution system. In addition, the coliform detections were confined to less than 20 percent of the water system. Had the detections been the result of a failure in treatment, detections would have been expected throughout the City rather than in such a limited geographic area.

Instead, the violations seem to have been caused by other factors such as aging infrastructure. The City's water distribution system has suffered from a lack of infrastructure investment and asset management. Most of the City's over 550 miles of water mains are now over 75 years old, and constructed of unlined cast iron piping. This cast iron pipe is subject to tuberculation, which thins and weakens the pipe walls in some areas and causes a buildup of sediment and debris on the pipe walls in other areas. Tuberculation can lead to water quality issues as well as reduced flows and pressures. Tuberculation also encourages the development of biofilms. Biofilm growth may occur more frequently in areas where little or no disinfectant is maintained.

The City has also experienced decades of a declining customer base and water use, with vacant homes, commercial businesses, and industrial property. Declining water use leads to excess residence time (water age) within the City's distribution pipes and water storage facilities, accelerating tuberculation, biofilm growth, and reductions of disinfectant concentration in the distribution system. While the City has recently seen an infusion of funding for blight removal, contractors using fire hydrants to complete this work have been known to cause hydraulic disturbances that dislodge and suspend settled debris, which may contribute to the bacterial contamination. These hydraulic disturbances were also believed to be a source of the aesthetic water quality complaints both the City and the DEQ were receiving.

The winter of 2013-2014 was also one of the coldest experienced by the water system. The City, which historically has unaccounted water losses of over 30 percent, saw even greater losses since February 2014 due to an increase in cold weather-related water main breaks and leaks (City personnel reported 400 water

main breaks in calendar year 2014, with greater than 50 percent in the winter quarter). The City has also been lacking a formal maintenance program for its more than 7,250 valves, which are critical in limiting the areas impacted during water main repairs. As an example, two valves on the transmission line used to supply the area of the 2014 Boil Water Advisories were found to be closed during the City's investigation of possible sources, causing much longer residence times, reduced disinfectant concentrations, and reduced pressures – all potential avenues for contamination to enter a distribution system.

The Boil Water Advisories also occurred during the warmest and relatively wet periods of August and September 2014. Warm weather conditions are not only more conducive to bacterial growth but also degrade disinfectant concentrations more quickly. As already explained, longer residence times, biofilms, and tuberculation contribute to lowered disinfectant concentrations. Warm, wet weather conditions also allow water contaminated with bacteria to accumulate or pond around piping that leaks and breaks.

During the summer of 2014, the City was actively repairing the distribution system (City personnel reported 29 water main breaks in June through August 2014). After the switch to the Flint River, it was discovered that there were many broken or closed valves in the distribution system (City personnel reported 120 broken valves and 239 valves in an improper position). As the City began correcting these problems, they did detect the presence of coliform organisms in the distribution system in testing conducted as a result of the repairs. This sporadic detection is not an unusual occurrence. Many communities have experienced similar issues when significant repairs are made in the system and/or they suffer water main breaks and localized pressure losses.

2. How were the violations detected? What was the DEQ's response?

Federal SDWA regulations regarding monitoring and standards for bacteria in water distribution systems are incorporated into Act 399. There are a variety of bacteria, parasites, and viruses which can potentially cause health problems if humans ingest them in drinking water. Testing water for each of these potential pathogens would be difficult and expensive. Instead, community water systems are required to test monthly for total coliform and *E. coli*. Total coliform bacteria, while not pathogenic, often originate from the same sources as many pathogens. Therefore, the presence of total coliform in drinking water indicates there may be a pathway for pathogens or other contaminants to enter the system. The absence of total coliforms in the distribution system indicates a minimal likelihood that pathogens are present. *E. coli* is itself a pathogen and its detection is considered direct evidence of a health risk.

The Boil Water Advisories which occurred in the City were associated with bacteria monitoring detections and violations of bacteria standards. These advisories were issued by the City after consultation with the DEQ.

Upon receiving information indicating total coliform and *E. coli* bacteria had been detected, the DEQ advised the City to issue a Boil Water Advisory from August 15 through 20, 2014, for the affected portion of the City. Another Boil Water Advisory was issued from September 5 through 9, 2014, due to localized detections of total

coliform bacteria in the same and adjacent portions of the City. The advisories covered an area of less than 20 percent of the water department's service area.

Once a Boil Water Advisory has been issued, time is needed to investigate potential causes and implement corrective measures. The larger the water system, the more time this may take. Once corrective measures have been taken, samples must be collected and analyzed to confirm that bacteria are no longer present. Under approved analytical methods used by the City, samples must be incubated for 24 hours before results can be obtained. In situations where the bacterial contamination has been confirmed, two consecutive rounds of safe samples collected at least 24 hours apart are normally obtained before canceling a Boil Water Advisory. Adding each of these steps together, a normal response period to rescind a Boil Water Advisory under these circumstances would be expected to take 3 to 4 days.

V. TOTAL TRIHALOMETHANES (TTHM) VIOLATIONS

1. What caused the TTHM violations experienced by the City beginning in late summer 2014?

Disinfectants are an essential element of drinking water treatment because of the barrier they provide against waterborne disease-causing microorganisms. However, disinfection byproducts form when disinfectants used to treat drinking water react with naturally occurring organic materials in the water (e.g., decomposing plant material). The formation of disinfection byproducts continues to occur as water travels throughout water distribution systems.

A major challenge for water suppliers is how to provide protection from pathogens while simultaneously minimizing health risks to the population from disinfection byproducts. Total Trihalomethanes (TTHM – chloroform, bromoform, bromodichloromethane, and dibromochloromethane) and halogenated acetic acids (HAA5 – monochloro-, dichloro-, trichloro-, monobromo-, dibromo-) are widely occurring classes of disinfection byproducts. The amount of TTHM and HAA5 in drinking water can change depending on the season, water temperature, amount of chlorine added, the amount of plant material in the water, and a variety of other factors. All community water systems that chemically disinfect or purchase water that has been chemically disinfected are required to monitor for disinfection byproducts.

The Flint River has higher levels of organic material than water in the Great Lakes and as a result, the water produced by the City developed higher disinfection byproducts than the water purchased from DWSD. Because the water treatment plant was previously operating intermittently, it was not possible to predict disinfection byproduct levels at distribution system compliance points until the City began relying on its water treatment plant continuously.

As mentioned previously, the City became aware that there were numerous broken valves and closed valves that should have been open in the distribution system. At that time, the City also began a mapping effort to identify "water age" in the distribution system. The longer the residence time or "water age" the greater the opportunity for the formation of disinfection byproducts.

2. How were the violations detected? What was the DEQ's response?

Disinfection byproducts are monitored at eight sites throughout the distribution system. A locational running annual average is calculated for each individual site. Because TTHM and HAA5 maximum contaminant levels are calculated based on a running annual average at specific distribution system locations, the actual violation of the standard did not occur until the fall of 2014. However, because it was apparent in the summer of 2014 that the standard would eventually be exceeded; the DEQ asked the City to proactively implement measures to address the problem before the violation required them to do so.

As a result of maintenance efforts undertaken by the City to repair valves and correct improperly closed valves, the City was able to improve water flow in the distribution system and thereby reduce residence time or "water age" in the system. Operational changes made to reduce the amount of storage in the system also helped reduce residence time which contributed to a reduction in disinfection byproduct formation.

In addition to operational changes to minimize residence time in the distribution system, the City added granular activated carbon to its filters in July 2015. Levels of TTHMs and HAA5s were reduced and the City returned to compliance on September 1, 2015.

VI. THE TASTE, ODOR, AND COLOR COMPLAINTS RECEIVED BY FLINT**1. What caused the taste, odor, and color complaints received by the City from residents?**

Taste, odor, and color issues are very personalized. While water leaving the water treatment plant did not have any unusual taste, odor or color; during the summer after the switch to the Flint River, customer complaints increased. Construction in the distribution system, hydrant flushing, and changes in flow characteristics are all known causes of disturbances within the distribution system that can cause an increase in taste, odor, and color complaints. Aesthetics, such as taste, odor, and color, while a concern, by themselves are not a threat to public health.

2. What was the DEQ's response?

The DEQ consulted with the City regarding these complaints. The City indicated that they were offering to investigate such complaints for anyone that had issues; but City personnel informed the DEQ that they were not able to recreate these situations in the field. In addition, as a result of the repair work that was underway and the increased flushing to reduce water age in the system to help control TTHMs, it was anticipated that there would be short-term disturbances in the system that would cause color and odor complaints. All water supplies are advised to provide notice to residents prior to undertaking a flushing program because flushing (even routine flushing) often causes temporary problems as described. Based on information from City personnel, it appeared that the complaints were related to such operational activities occurring in the distribution system.

VII. LEAD ISSUES IN THE FLINT DRINKING WATER

1. What causes lead in drinking water?

Lead is rarely found in source water. Lead enters tap water through corrosion of plumbing materials. Homes built before 1986 are more likely to have lead fixtures and solder. Older homes built prior to World War II are more likely to contain lead pipes. The most common problem with newer construction is with brass or chrome-plated brass faucets and fixtures which can leach significant amounts of lead into the water, especially hot water. The amount of lead in tap water also depends on the types and amounts of minerals in the water, how long the water stays in the pipes, the amount of wear in the pipes, the pH of the water, and its temperature.

2. What is the Lead and Copper Rule?

On June 7, 1991, the USEPA published a regulation to control lead and copper in drinking water. This regulation is known as the Lead and Copper Rule (also referred to as the LCR). The treatment technique for the rule requires systems to monitor drinking water at customer taps. If the 90th percentile for lead exceeds an action level of 15 parts per billion (ppb) or the 90th percentile for copper exceeds an action level of 1.3 parts per million (ppm), the system must undertake a number of additional actions to control corrosion. If the action level for lead is exceeded, the water supply must also inform the public about steps they should take to protect their health and the water supply may have to replace lead service lines under their control.

3. What is the lead action level?

For most contaminants, the USEPA sets an enforceable regulation called a maximum contaminant level based on the maximum contaminant level goal. Maximum contaminant levels are set as close to the maximum contaminant level goals as possible, considering cost, benefits, and the ability of public water systems to detect and remove contaminants at the water treatment plant using suitable treatment technologies. Because lead contamination of drinking water often results from corrosion of the plumbing materials belonging to water system customers, the USEPA established a treatment technique rather than a maximum contaminant level for lead. A treatment technique is an enforceable procedure or level of technological performance which water systems must follow to control a contaminant. Although the maximum contaminant level goal for lead is zero, based upon the above factors, the USEPA has established the action level for lead at 15 ppb.

The treatment technique regulation for lead requires water systems that produce drinking water to control the corrosivity of the water. The regulation also requires systems to collect customer tap samples from sites served by the system that are more likely to have plumbing materials containing lead. If the 90th percentile action level for lead is exceeded, then water systems are required to take additional actions including:

- Optimizing corrosion control treatment (for water systems serving greater than 50,000 people that have not fully optimized corrosion control).

- Educating the public about lead in drinking water and actions consumers can take to reduce their exposure to lead.
- Replacing the portions of lead service lines (lines that connect distribution mains to customers) under the water system's control.

4. Did DWSD have optimized corrosion control treatment?

After the LCR passed in 1991, DWSD and all of its consecutive customer systems conducted two rounds of monitoring for lead and copper. Copper levels were well below action level limits, but lead levels exceeded the action level of 15 ppb for DWSD and many of its customer communities. As a result, DWSD installed corrosion control treatment. DWSD performed a corrosion control study and concluded that they could reduce the corrosivity of the water by the addition of an orthophosphate, a corrosion inhibitor.

5. Did the DEQ require the City to have corrosion control in place when it switched to the Flint River as its source of drinking water?

No. There are two ways under the LCR to deem a water supply as providing "optimal corrosion control" – either by sampling and determining through a calculation that the supply is "optimal" or by installing treatment if it is needed. The DEQ requested that the City perform two 6-month rounds of monitoring to demonstrate if the City was practicing optimal corrosion control treatment. According to state regulations [R325.10604f(2)(b)(iii)], a system can demonstrate optimized corrosion controls by sampling in two, consecutive 6-month monitoring periods and comparing the results of this monitoring to the lead level in the source. Optimal corrosion control under this scenario would be defined as having the 90th percentile in each of these monitoring periods lower than the sum of the lead in the source and the practical quantification limit for lead of 5 ppb. Since the source water has 0 ppb lead, the City would have been deemed optimal if its 90th percentile of lead was 5 ppb or less in these two consecutive periods. However, once a system has installed treatment, it would also be considered optimized regardless of the 90th percentile level achieved, as long as it does not exceed the action level of 15 ppb.

In this case, the City had been purchasing water from DWSD that was treated for corrosion control. It was the DWSD water system that was considered as having optimized corrosion control at that point. Since the City water system had not been the supplier of water before, the DEQ did not require the City to maintain corrosion control for which it was not responsible [R325.10604f(2)(b)]. It could not "maintain" operations undertaken elsewhere by a different entity for a different source of water. The DEQ's instructions to the City were consistent with past practices afforded to all other large water systems. At the beginning of the LCR, all large systems were initially granted the option to demonstrate optimal corrosion control treatment through full-scale monitoring under the applicable rules. For these reasons, two 6-month rounds of monitoring, as required by the LCR, were the required means to determine whether or not optimal corrosion control was being achieved.

6. How does the DEQ calculate the 90th percentile?

To determine the 90th percentile of a list of lead or copper results, the procedure below is followed:

- Step 1: Place lead or copper results in ascending order
 Step 2: Assign each sample a number, 1 for lowest value
 Step 3: Multiply the total number of samples by 0.9 – this yields the 90th percentile sample. For example: 20 samples x 0.9 = 18th sample. This is the 90th percentile level.

Calculating the 90th percentile is easiest when a supply collects 10 samples (or a multiple of 10). Note that the 90th percentile must be interpolated if the number of samples is not a multiple of 10.

7. What was the result of the first round of monitoring conducted by the City?

The first 6-month round of lead and copper monitoring conducted by the City ended on December 31, 2014. One hundred samples were submitted and the 90th percentile lead level was calculated to be 6 ppb. The next step required by the DEQ was for the City to collect a second round of monitoring.

8. What was the result of the second round of monitoring conducted by the City?

The second 6-month round of lead and copper monitoring conducted by the City ended on June 30, 2015. Sixty-nine samples that complied with the site selection criteria were submitted and the 90th percentile lead level was calculated to be 11 ppb. The conclusion from these results was that the City, while in compliance with the action level, exceeded the level required to be deemed as having optimized corrosion control.

9. Why was the City required to collect 100 compliance samples for lead and copper in the first 6-month monitoring period of July through December of 2014 and then only 60 compliance samples in the second 6-month period of January through June of 2015?

The number of compliance samples required for lead and copper is based upon the population served by the water system as identified in the table below, taken from Rule 325.10710a of Act 399.

Supply Size (Number of People Served)	Number of Sites (Standard Monitoring)	Number of Sites (Reduced Monitoring)
More than 100,000	100	50
10,001 to 100,000	60	30
3,301 to 10,000	40	20
501 to 3,300	20	10
101 to 500	10	5
Fewer than 101	5	5

The number of samples the City was required to collect in the first round of monitoring after they began relying on the Flint River was based on the 2010 census, which listed the City's population as more than 100,000 residents. In March of 2015, the City provided updated information that indicated the City's population had decreased to less than 100,000. Therefore, they were only required to collect 60 samples. There is no rule prohibiting the collection of additional compliance samples – only establishing a minimum number necessary.

10. What actions did the DEQ order the City to undertake after the second round of monitoring?

While the City's LCR compliance monitoring continued to meet action level requirements, the City exceeded the level required to be deemed as having optimized corrosion control. Following receipt of the City's compliance monitoring results, the DEQ sent a letter on August 17, 2015, requiring the City to install corrosion control treatment.

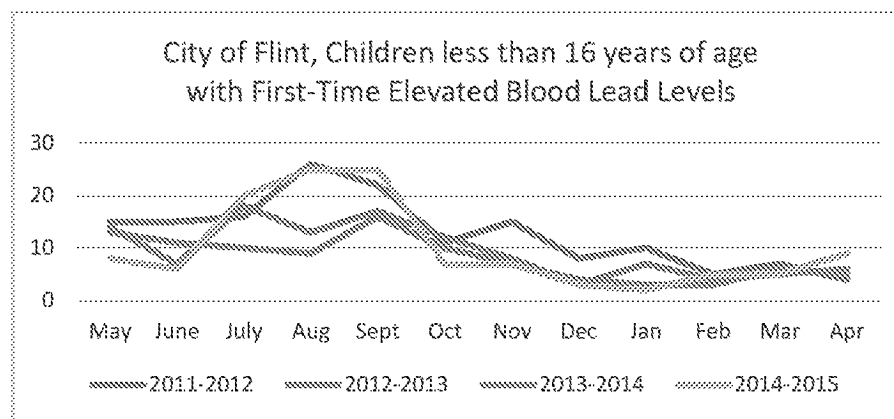
Under the LCR, the City has 6 months to let the DEQ know whether it intends to conduct a study, then 18 months to perform the study and make its recommendation, and 24 months to complete installation of the selected corrosion control. The DEQ requested the City accelerate this schedule. The City submitted plans and specifications to install corrosion control treatment and a construction permit was issued by the DEQ on October 28, 2015. The City is in the process of installing the necessary equipment and procuring the appropriate chemicals. Treatment is expected to be on-line by the end of November 2015. As of October 16, 2015, the City resumed purchasing water from DWSD that is already optimized and provides a corrosion inhibitor. The additional treatment by the City will further enhance the amount of inhibitor in the system.

11. What had Michigan Department of Health and Human Services (DHHS) advised the DEQ regarding blood lead levels prior to the DEQ ordering the City to implement optimized corrosion control?

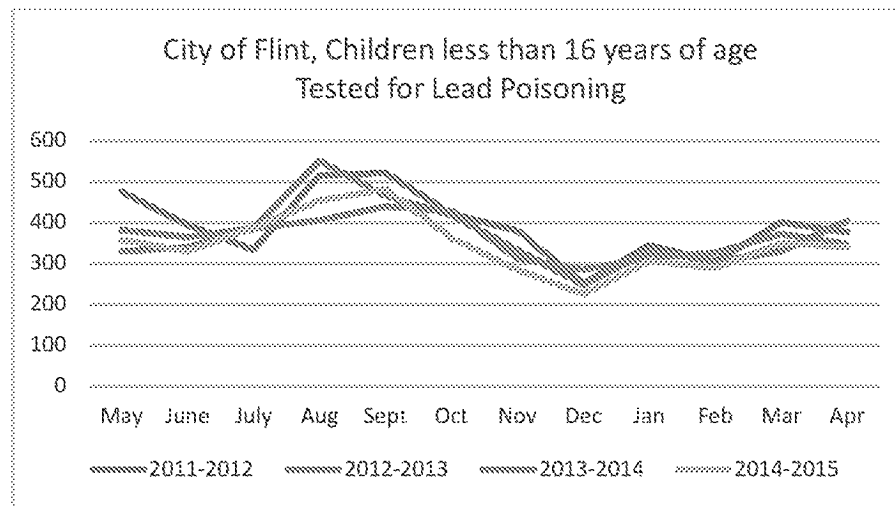
In an e-mail dated July 28, 2015, regarding blood lead testing, the Michigan DHHS indicated that they:

"...compared lead testing rates and lead testing results to the same time frame for the previous 3 years, to see if there were any patterns that suggested that there were increased rates of lead poisoning after the water supply was switched. Per the attached charts –

- Lead testing rates remained about the same from year-to-year...



- There was a spike in elevated blood lead tests from July-September 2014...



- However, that pattern was not terribly different from what we saw in the previous three years; especially in 2011-2012 (we are working with our Epidemiologist to statistically verify any significant differences).
- We commonly see a 'seasonal effect' with lead, related to people opening and closing windows more often in the summer, which disturbs old deteriorating paint on the windows, sills and sashes. Window fans frequently blow and spread the lead dust from the deteriorating paint to other parts of the room/house. We suspected that the summer data spike may be related to this effect.
- If the home water supply lines and/or river water were contributing to elevated blood lead tests, we expected that the increased rates would extend beyond the summer, but they drop quite a bit from September to October, stayed low over the winter, and are just starting to tail up again in the spring of 2015."

This e-mail from DHHS in concert with the completion of two 6-month rounds of lead compliance sampling data indicating that the City had not exceeded an action level for lead provided the basis for the DEQ to maintain that the water in the City continued to be in compliance with the federal SDWA and Act 399.

12. When did the DEQ first become aware of allegations of elevated blood levels being detected in certain children?

The DEQ was notified on August 23, 2015, by a professor from Virginia Tech that "over the next few months we will be studying Flint water quality issues..." Results indicating elevated lead levels in homes were reported as part of this study in late August. In September 2015, information was reported in news articles that

pediatricians in the City had data suggesting an increase in children's blood lead levels in two zip codes in the Flint area.

Prior to these dates, the City had already completed the required two 6-month rounds of monitoring and the DEQ had made a determination that the City must install corrosion control treatment as documented in correspondence dated August 17, 2015.

VIII. QUESTIONS RAISED REGARDING THE DEQ'S ACTIONS

1. What was the DEQ's response to the USEPA's inquiry in February 2015 regarding the optimized corrosion control treatment being implemented by the City under the LCR?

The DEQ indicated that the City was complying with the LCR, the lead 90th percentile level was below the action level of 15 ppb, and the City was already conducting the second round of monitoring which would provide for a determination of whether additional treatment needed to be installed. It should be noted that once treatment is designated as optimal, there is no requirement in the LCR that lead results be lower than they were before treatment was installed. The 90th percentile only needs to be lower than the action level in the LCR.

2. Did the DEQ attempt to mislead the USEPA in a February 27, 2015, e-mail responding to the USEPA's inquiry regarding Optimal Corrosion Control Treatment?

No. There was no attempt by the DEQ to mislead the USEPA. There is an e-mail from Steve Busch, Jackson and Lansing District Supervisor, Office of Drinking Water and Municipal Assistance, indicating that the City was practicing a corrosion control program. What was meant was that the City was performing the required monitoring to determine whether or not they were practicing optimized corrosion control. The DEQ subsequently clarified its position in follow-up e-mails and telephone conversations with the USEPA.

3. When General Motors announced its intent to terminate water service from the City and purchase water from Genesee County, should this have been a sign that there were concerns with the quality of the water after the switch to the Flint River?

No. General Motors made a decision regarding the quality of water for its manufacturing processes. At the time, the company indicated that the chloride levels were above limits acceptable as part of the manufacturing facility's limit for production purposes. The level of chlorides in the water treated by the City was not a human health or aesthetic concern.

Chloride does have a secondary maximum contaminant level established by the USEPA, not for health-related concerns but rather for taste and aesthetic concerns. Concentrations greater than the secondary maximum contaminant level of 250 milligrams per liter (mg/l) become objectionable due to taste. According to the City's records, the chloride concentration in the Flint River water is generally about 45 mg/l and the treated water chloride concentration leaving the water treatment

plant ranges between 55 and 65 mg/l. It should be noted that the City uses ferric chloride as its primary coagulant, although this does not add a significant amount of chloride to the finished water.

4. Has the USEPA subsequently admitted that the LCR is subject to differing interpretations such as that presented by the DEQ?

Yes. On November 3, 2015, the USEPA issued a memorandum regarding the "Lead and Copper Rule Requirements for Optimal Corrosion Control Treatment for Large Drinking Water Systems". This memorandum addresses concerns raised about the application of the LCR, specifically the requirements pertaining to maintenance of optimal corrosion control treatment, in situations in which a large water system ceases to purchase treated water and switches to a new drinking water source. The USEPA states that this type of situation rarely arises, that the language of the LCR does not specifically discuss such circumstances, and that there are differing possible interpretations of the LCR with respect to how the rule's optimal corrosion control treatment procedures apply to this situation. The memorandum is intended to clarify, on a prospective basis, steps agencies should take or apply in the future. USEPA's new guidance provides acknowledgement that the LCR is subject to differing interpretations. The DEQ's interpretation and application of the LCR in this situation was in compliance with the federal SDWA and Act 399.

5. Did the DEQ reject any of the samples submitted by the City?

Yes, samples at two locations were excluded from the compliance calculation in conformance with rules issued by the USEPA.

According to the LCR, compliance samples must be a first draw, 1-liter sample collected from a cold water, kitchen or bathroom tap after the tap has stood unused for not less than 6 hours. Federal and state rules require community public water systems to identify a pool of targeted high-risk sampling sites, called Tier 1 sampling sites. For a municipality such as the City, the Tier 1 sampling pool must consist of single family structures that are:

- served by a lead service line,
- contain lead pipes, or
- contain copper pipes soldered with lead installed after 1982 but before Michigan enacted the ban on solder containing high concentrations of lead (June, 1988).

As long as a community has Tier 1 sites that contain lead service lines, they are required to collect at least 50 percent of their compliance samples from these lead service line sites. Finally, federal and state rules specify that "Sampling sites may not include faucets that have point of use or point of entry treatment devices designed to remove inorganic contaminants." Such treatment devices include home softeners, iron filters, etc. Samples collected from multiple family residences, commercial buildings, institutional facilities, or single family structures with point-of-use or point-of-entry treatment can only be used if the community has insufficient Tier 1 sites available.

One of the samples submitted by the City was excluded from the 90th percentile compliance calculation in the latest monitoring period because it was taken from a tap at a non-residential site (non-Tier 1). The other sample result that was excluded was collected from a single family home that has a whole house treatment system. Both of these sites are, therefore, excluded from the compliance consideration based upon federal and state rules.

6. Did the DEQ review the information submitted by the City to ensure all samples were from Tier 1 sites?

Yes. The DEQ examined the information submitted and certified by the City that its LCR compliance monitoring sites consisted entirely of Tier 1 criteria sites, which met the requirements of this rule to maximize sampling of high-risk targeted sites.

During the initial implementation of the LCR approximately 25 years ago, water supplies were required to complete a materials evaluation of their distribution system to identify a pool of targeted, high-risk sampling sites. These sites were to be categorized into one of three Tiers (1, 2, or 3) based on risk. The DEQ created an LCR reporting template for water systems to identify each compliance sampling site by Tier, service line material, and building plumbing material.

If a water system has sufficient Tier 1 sites, they are required to sample them before using any lower Tier sites. Furthermore, if they have sufficient sampling sites with lead service lines, they are required to use them to make up at least 50 percent of their sampling pool each monitoring period. Water supplies are also required to use the same sampling sites each time or explain on their LCR reporting form why they were unable to do so. Finally, the water system is required to certify all of the information they provide on the LCR reporting form is factual.

The DEQ must rely upon the public water system to identify appropriate sampling sites for LCR monitoring. The DEQ public water supply program has no control or authority over service lines or domestic plumbing. As a result, we have no records on construction standards or materials used by customers for these components. If these records exist, they are kept by plumbing code enforcement officials.

In 2015, City employees again certified that the information submitted on their LCR monitoring reports for the two 6-month rounds of monitoring conducted after they began treating the Flint River were accurate, and DEQ staff review of that information indicated it was in compliance with the monitoring requirements. The DEQ had no reason to question the validity of the City's reports until the DEQ heard City employees revealing to the media that the City did not know for certain if its compliance monitoring was collected from homes with lead service lines. As a result, the DEQ began to investigate the City's monitoring sites. As the City began to transfer its customer information to electronic records, the DEQ determined from the information available that a significant number of these sites that had been listed as having lead service lines either did not have them or the information was unavailable. On November 9, 2015, the DEQ notified the City in writing that it would be necessary to conduct a complete assessment of its sampling pool and report back its findings by December 30, 2015. The DEQ is now awaiting the City's response.

7. Did the DEQ believe the levels of lead found at 212 Browning in April 2015 were indicative of a system-wide problem?

High levels of lead were collected in samples taken from this residence. It was determined to be coming from an unusually long lead service line. For some reason, this home was not connected to the water main that ran in front of the house, but rather to a main located on a street several houses away. The City replaced the lead service line May 6, 2015. Since the internal plumbing of the house is plastic, it was believed that replacement of the lead service line would resolve the problem, and subsequent sampling taken at this address showed that replacement of the service line did mitigate the problem. There was, therefore, no reason to believe that this was indicative of a system-wide problem.

8. Do the DEQ's sampling instructions comply with the LCR?

The DEQ continues to seek official clarification from the USEPA regarding the sampling protocols. The DEQ's sampling recommendations were developed to ensure compliance with the USEPA's guidance provided in the preamble to their lead and copper regulations that said that household use should be "typical" for a residential customer on the day before sample collection for lead and copper. Early in the implementation of the LCR, the DEQ had encountered too many situations where compliance samples had been collected from kitchen and bathroom taps that had not been used in days and in some cases, even weeks, resulting in excessively stagnated water and correspondingly high lead levels that did not represent typical exposure expected after overnight stagnation. To incorporate these results into further regulatory decision making could have led to actions that were not indicative of a true public health threat. Further complicating this issue was the USEPA's direct implementation of the LCR in Washington, D.C., where it was learned that some "valid" lead results were not always being included in compliance calculations. Subsequently, the USEPA made invalidation of samples for any reason much more difficult. In order to ensure samples were taken at customer taps representative of typical use, the DEQ devised the current recommendations for ensuring appropriate but not excessive stagnation for LCR monitoring.

The DEQ continues to believe it is appropriate to ensure that taps being sampled are representative of typical household use and are sampled during the recommended stagnation period of 6-18 hours. The LCR does not say the result should represent the "absolute worst case" condition – it talks about sampling the highest risk locations (lead plumbing, lead service lines, high lead content solder piping, etc.) after overnight stagnation and then collecting a first draw sample so as not to flush elevated lead from that tap at that point in time. There are a number of other states that share the DEQ's interpretation of the rule and the DEQ encourages the USEPA to provide official clarification directed at all states with primacy.

9. Does the DEQ require the use of small-neck bottles to obtain samples?

No. The DEQ does not mandate the use of small-neck bottles; it is the sampling method that is specified in both the federal SDWA and Act 399. Each certified drinking water laboratory provides bottles to their customers upon request for any particular analysis in accordance with the specifications in the SDWA. The bottles provided by the DEQ Drinking Water Laboratory for a lead and copper corrosion control sample meet these requirements.

From: Muchmore, Dennis (GOV)
Sent: Tuesday, November 17, 2015 5:24 PM
To: Anderson, Madhu (DEQ); Ken Sikkema (ksikkema@pscinc.com)
Cc: Agen, Jarrod (GOV); Baird, Richard (GOV); Weber, Travis (GOV); Hollins, Harvey (GOV); Murray, David (GOV); Wurfel, Sara (GOV); Lyon, Nick (DHHS)
Subject: RE: Privileged Attorney-Client Communication - Outline of Flint Drinking Water Issues

Thank you Madhu, the outline is helpful to all of us.

From: Anderson, Madhu (DEQ)
Sent: Tuesday, November 17, 2015 11:20 AM
To: Ken Sikkema (ksikkema@pscinc.com) <ksikkema@pscinc.com>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Weber, Travis (GOV) <WeberT7@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Lyon, Nick (DHHS) <LyonN2@michigan.gov>
Subject: Privileged Attorney-Client Communication - Outline of Flint Drinking Water Issues

Ken – Attached is the outline of the Flint Drinking Water issue (in a question and answer format) we have prepared for you to share with your colleagues on the Governor's Flint Water Task Force. Please let me know if we can provide any other material in preparation for the meeting tomorrow.



Madhu R. Anderson
Deputy Director, Economic and Strategic Initiatives
☎ 517 284 6702 PPI
✉ andersonm30@michigan.gov



From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Tuesday, January 05, 2016 12:28 PM
To: Murray, David (GOV)
Subject: RE: ICYMI - Flint: A Dramatic Illustration of Why Michigan Must Apply the FOIA to the Governor's Office

Thanks Dave: I'll certainly include this, but is there any comment on the specific request that the governor drop his executive privilege since that is the crux of this particular story?

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

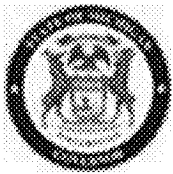
From: Murray, David (GOV) [<mailto:MurrayD1@michigan.gov>]
Sent: Tuesday, January 05, 2016 12:19 PM
To: Ronald Fonger <RFONGER1@mlive.com>
Subject: RE: ICYMI - Flint: A Dramatic Illustration of Why Michigan Must Apply the FOIA to the Governor's Office

Hello Ron,

The Governor is proud of the efforts his office has made to increase transparency and accountability, including dashboards featuring metrics for each department and creation of a citizen's guide to how state and local governments spend money. We're always focusing on continuous quality improvement in this area.

The Governor also has promised complete cooperation with the independent Flint Water Task Force that is reviewing all state, local and federal actions related to the situation as the administration focuses on the health and welfare of people in Flint and across the state.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter: @michigandmurray



From: Ronald Fonger [<mailto:RFONGER1@mlive.com>]

Sent: Tuesday, January 05, 2016 11:34 AM

To: Murray, David (GOV) <MurrayD1@michigan.gov>

Subject: FW: ICYMI - Flint: A Dramatic Illustration of Why Michigan Must Apply the FOIA to the Governor's Office

Dave:

Would your office care to comment on the remarks from the executive director of Common Cause Michigan?

I'm forwarding an email we just received and am working on a story.

Thanks,

Ron Fonger

MLive Media Group

Reporter

mobile PPI

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502

From: Alan Fasnacht [<mailto:alan@faroughassociates.com>]

Sent: Tuesday, January 05, 2016 11:08 AM

Subject: ICYMI - Flint: A Dramatic Illustration of Why Michigan Must Apply the FOIA to the Governor's Office

In case you missed it:

Michigan continues to have the weakest anti-corruption laws of any state in the nation.

As the Rachel Maddow Show reported on last night, the Flint water crisis is a terrible reminder that our state continues to exempt the Governor's office and state legislators from transparency laws (FOIA) designed to hold politicians and our government accountable. This exemption from FOIA only making things worse... much worse.

"Common Cause Michigan calls on the Governor to drop his executive privilege and submit all documents and correspondence in the executive office on all matters dealing with the Flint water crisis to Freedom of Information Act requests. The public deserves to know why Flint's children were poisoned with lead. In addition, Michigan should end special exemption from FOIA and subject the Governor's Office and the Legislature to the same transparency laws that 48 other states follow," said Melanie McElroy, Executive Director of Common Cause Michigan.

To watch the Rachael Maddow segment from last night please [follow this link](#).

From: Leix, Ron (MSP)
Sent: Tuesday, January 05, 2016 3:36 PM
To: Murray, David (GOV); Holland, Meegan (GOV)
Cc: Banner, Shanon (MSP)
Subject: Disaster Declaration Process
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Dave and Meegan,

Situational awareness. There have been a couple of incorrect reports about the emergency/disaster declaration process, assuming that a Governor's declaration is merely a sign-off and then the request is moved to federal level.

MLive

http://www.mlive.com/news/flint/index.ssf/2016/01/us_attorneys_office_investigat.html#incart_river_home

ABC 12 (WJRT-TV 12 in Flint)

<http://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=9a36a4a2-71c0-43ef-a581-f9696a80026d>

That's just not the case. Requests are made to each level of government when resources are exhausted. (See the attached fact sheet.)

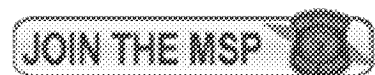
With today's anticipated news release, I believe there will be more reports that assume the request will be automatically going to the federal level or federal assistance is immediately coming.

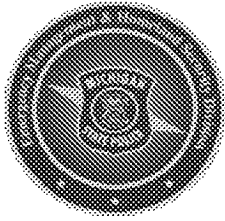
Thanks,

Ron

Ron Leix
Public Information Officer (PIO)
Emergency Management
and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
TX: (517) 336-6464
Cell: **PPI**

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY"





Fact Sheet

Emergency or Disaster Declaration Process

The Michigan Emergency Management Act (Public Act 390 of 1976, as amended) outlines the emergency management process for the state of Michigan. If an incident exhausts state resources, the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 USC §§ 5121-5207) establishes the process for requesting and obtaining a presidential disaster declaration and assistance from the federal government.

STEP BY STEP: Emergency or Disaster Declaration Process

1. Disasters are first and foremost local events. Most disasters are handled by local government with minimal or no state assistance. At the onset of a disaster or emergency, local emergency responders, joined by volunteers and the private sector, are the first to be involved.
2. A local jurisdiction may declare a "Local State of Emergency" exists when they have sustained widespread or severe damage, injury or loss of life or property. A local declaration ensures the response and recovery aspects of the emergency operations plan have been activated, and local resources are being utilized to the fullest extent possible. Authorities may authorize local aid and assistance.
3. If recovery efforts are beyond the ability of local government, the community may turn to the state to request assistance. All requests for assistance are channeled through the Michigan State Police, Emergency Management and Homeland Security Division.
4. The Michigan State Police, Emergency Management and Homeland Security Division reviews specific requests for state assistance and makes recommendations to the Governor's Office. The Governor's authority, granted by the Michigan Emergency Management Act, may include mobilizing state government agencies to provide necessary support and assistance to local authorities under a "State of Emergency" or "State of Disaster" declaration.
5. If state and local government resources are unable to cope with the emergency or disaster, the Governor may request assistance through the U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Region V Office in Chicago.
6. At the request of the Governor, FEMA may conduct a Preliminary Damage Assessment (PDA) in cooperation with state and local emergency management officials. The results of the PDA will be reviewed by state officials and the Governor's Office and used as a basis for determining whether to request federal financial assistance.
7. Should the state request federal disaster assistance, FEMA will review the request and make a recommendation to the president, who will make the final determination on any disaster aid to be provided to the state. The goal of disaster assistance is not to make individuals, businesses or government entities whole again, but to restore the community to a level that meets expected health and safety considerations.

From: Holland, Meegan (GOV)
Sent: Tuesday, January 05, 2016 9:46 PM
To: Murray, David (GOV)
Subject: Re: So how is this appropriate...

Not savvy. Not savvy at all. In fact, really amateurish.

Sent from my iPhone

On Jan 5, 2016, at 9:23 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

..for the leader of a news-gathering organization to comment – not in an email, but social media – to one of the chain's editors?

Kelly Adrian Frick via The Flint Journal

57 mins ·


Bryn Mickle looked like he might go kick Snyder's ass himself. It was awesome. I'm proud of you, Bryn!

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

 mobile

Twitter: @michigandmurray

<image001.jpg>

From: Clement, Elizabeth (GOV)
Sent: Monday, December 21, 2015 4:03 PM
To: Agen, Jarrod (GOV); Holland, Meegan (GOV); Murray, David (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV)
Subject: Fwd: article
Attachments: image001.jpg; image002.png; image003.png; image004.png; image005.jpg; image006.jpg

1 of 2 emails. The next is the DHHS response. Just making sure you are all in the loop.

Sent from my iPad

Begin forwarded message:

From: "Lyon, Nick (DHHS)" <LyonN2@michigan.gov>
Date: December 21, 2015 at 3:44:40 PM EST
To: "Clement, Elizabeth (GOV)" <clemente@michigan.gov>
Subject: Fwd: article

Begin forwarded message:

From: "Grijalva, Nancy (DHHS)" <GrijalvaN@michigan.gov>
Date: December 21, 2015 at 12:18:48 PM EST
To: "Lyon, Nick (DHHS)" <LyonN2@michigan.gov>
Subject: article

Michigan Health Department Hid Evidence of Health Harm Due to Lead Contaminated Water: Allowed False Public Assurances by MDEQ and Stonewalled Outside Researchers

[December 21, 2015 Siddhartha Roy Articles](#)

After missing warning signs of spiking childhood lead poisoning that occurred a few months after switching to a corrosive river water source in 2014, outside pressure forced officials at the Michigan Department of Health and Human Services (DHHS) to closely scrutinize their data in July 2015. They discovered scientifically conclusive

evidence of an anomalous increase in childhood lead poisoning summer 2014 immediately after the switch in water sources, but stood by silently as MDEQ officials repeatedly and falsely stated that no spike in blood lead levels (BLL) of children had occurred. DHHS employees later stonewalled efforts by outside researchers who questioned MDEQs statements, withheld damning documents but released incomplete data suggesting that there were no problems—DHHS officials ultimately fessed up only after incidence of childhood lead poisoning skyrocketed **above 10% in the two Flint zip codes with highest water lead risk during summer 2015!**

DHHS Pressured to Examine Data in mid-July 2015

DHHS' engagement in the Flint water crisis, started in early 2015 with two phone calls from Lee-Anne Walters to a state lead poisoning nurse in Lansing identified only as "Karen." When asked about the phone call last night, Walters said she was at first expressing concern over high water lead measurements in Flint, but on the second call she was in tears because her son's blood lead had increased to 6.5 ug/dL.

According to Walters, "Karen" stated that ***"He is barely lead poisoned. If CDC had not changed their lead poisoning standard from 10 down to 5, we would not be having this conversation."*** Angry, Walters protested that Karen was minimizing the problem, at which point "Karen" cut her off and said ***"I am working with kids in their 40's and 50's. It is just a few IQ points...it is not the end of the world."*** FOIA e-mails demonstrate that Karen Lishinski (DHHS) acknowledged receiving phone calls on the dates Walters called (the caller's name is redacted in the FOIA), but elsewhere Lishinski acknowledges to colleagues that the last time she actually worked with a child who had blood lead above 45 ug/dL was in 2009.

The next time the Flint water issue was apparently raised at DHHS, was July 23rd, when Linda Dkykema (DCH) sent out an e-mail titled ***"R.E.Director's Office Assignment-***

Flint- need update ASAP” on the heels of the memo written by EPA’s Miguel Del Toral.

Misinformed from the Outset: MDEQ Garbage-in All but Ensures DHHS Garbage-out

The Director’s Office update was tainted and probably doomed from the start, because Dykema logically reached out to MDEQ’s Steve Busch for background who provided her the following insights:

“The city of Flint recently conducted drinking water testing throughout the city with special attention to those areas known to have old service lines. The city water supply is in compliance with the lead rule....DEQ has not seen a change in the city’s compliance with the lead rule since switching to the Flint River source....Regarding the home with high drinking water lead levels: some years ago the supply line that serves the neighborhood was replaced, but somehow this house was not connected to the new line, such that the family’s drinking water supply was coming from the old corroded lead pipe. None of the neighbors water had elevated lead level... Regarding the EPA drinking water official quoted in the press articles: the report that he issued was a result of his own research and was not reviewed or approved by EPA management. He has essentially acted outside his authority.”

In other words, Dykema and DHHS started out their investigation with demonstrably false MDEQ talking points as assumptions. Nonetheless, a team of researchers proceeded to examine their data for possible increased incidence of lead poisoning in Flint’s children after the water switch.

Anomalous Increase in Lead Poisoning Noted—But False Conclusion Provided Publicly by MDEQ

The DHHS team immediately found evidence of a problem. Specifically, in the summer months of July, August and

September of 2014 immediately after the switch, blood lead levels in Flint had been much higher than normal. On July 27th of 2015, an e-mail asked “can you quickly run any tests to see if the difference in the first graph is statistically significant,” and the result quickly came back that it was. The team tried to re-run the data adding extra years to see if it changed the conclusions, but it did not because “there does appear to be a higher proportion of EBLL <lead poisoning> last summer than usual.”

A July 28th e-mail summarized the exercise by noting “***This doesn’t say anything about causality, but it does warrant further investigation***” and a two page memo was created for the Director’s Office (see excerpt Figure 1). The “***quick detection of abnormal variation***” in July, warranting further investigation, does not seem to have gone any further, and the study results did not see the light of day until this FOIA request.

However, MDEQ’s Brad Wurfel did publicly begin stating that study had been done, and using the results for public relations purposes as early as September 6th, 2015.

Ironically, it was used to discredit data on high lead in water collected by Virginia Tech:

“...state officials are questioning the Virginia Tech findings. “The samples don’t match the testing that we’ve been doing in the same kind of neighborhoods all over the city for the past year,” says Brad Wurfel, a state Department of Environmental Quality spokesman. Wurfel says DEQ has conducted two rounds of testing in the past year. He adds that the Department of Community Health conducts its own blood level lead testing in Flint. “With these kind of numbers,” Wurfel says, “we would have expected to be seeing a spike somewhere else in the other lead monitoring that goes on in the community.”

In other words, Wurfel was completely misrepresenting the conclusions of the DHHS July 2015 blood lead study—to claim there was no spike in children’s blood lead when

there was one. The FOIA does not reveal precisely where, or how, Wurfel was so misinformed. But the record is also perfectly clear that DHHS sat silently by as Wurfel repeated the false statements throughout the month of September.



The linked image cannot be displayed. The file may have been moved, renamed, or deleted. Verify that the link points to the correct file and location.

Figure 1 – Excerpt from a two page memo in July 2015 indicating Summer months of 2014 when lead levels in Flint kids spiked

Outside Researchers Asking to Analyze Flint's Blood Lead Data Were Stonewalled: "Yikes!"

On September 2nd 2015, Professor Marc Edwards of Virginia Tech (primary author of this article and source of the Freedom of Information Act documents cited herein) made a simple data request of DHHS. Edwards had previously made an identical request in November 2006 for a blood lead study in Lansing, and that data was provided without any problems. Edwards did not expect problems this time.

His request sat without response until a reminder e-mail was sent, at which point DHHS employee Robert Scott apologized for the delay, and provided the information needed to process the request, acknowledging:

Yes, I think this <study> sounds great. There has been some concern about the water source change in Flint, and in fact we had a call about it today.

The request then sat another 3 days, at which point Edwards inquired again and DHHS said that they were busy and if Edwards wanted the data in ***"a week rather than a month or so-then please send me a paragraph explaining why."*** Edwards wrote:

Yes, I think there is clearly some urgency to the situation. MDEQ has publicly stated that your blood lead records, are showing that there is no public health concern for residents in Flint. The levels of lead in Flint water, that we are finding in our water sampling, are certainly in a range that can cause childhood lead poisoning. Indeed, one child has already, likely been lead poisoned from exposure to high lead in water. I think the fact that you already have other teams working on these records, indicates a high level of interest, and urgency. Congressional interest in the safety of the water is also very high, and this will be an

important issue in deciding options for treating the water, in the weeks and months ahead.

If red flags about the data request had not already gone up, the e-mails clearly show alarms were raised immediately throughout all of DHHS after Scott wrote to colleges at 1:09 pm on September 11, 2015 that:

“The attached was submitted to me along with a request for de-identified data, which should be no problem. When you have a few minutes you might want to take a look at it. Sounds like there might be more to this than what we learned previously. Yikes!.”

A flurry of e-mails followed, and within the hour, Edwards request that Scott had just said “***should be no problem,***” was in fact encountering all kinds of problems. Specifically, a privacy specialist immediately asked for (amongst other things):

“I want to know more about the study..Saying that the researcher wants to verify the claim of MDEQ is not sufficient.... It does not have to be a great deal longer, but it should explain what the intended use of the blood lead data is. It is also important to know exactly how it will be used for research in order to justify the release....”

The next few weeks were an exercise in frustration, during which it became perfectly apparent to Edwards that DHHS had no interest in fulfilling the routine data request.


In the meantime, emails during the same time period indicate that the state had plenty of time scrutinizing the Virginia Tech data (e.g., “The issue has been ongoing on for awhile now, but picked up steam in July when the Virginia Tech folks got involved.”). Moreover, Dr. Mona Hanna-Attisha of Hurley Medical Center had made her own data request in mid-September, and she was having trouble getting it processed as well. Edwards wrote to DHHS on September 24th:

I just spoke to this young researcher at Hurley, and apparently, she has been unable to get access to the state blood lead records. I have to say, it is very disturbing that the state keeps issuing these blood lead reports and statements in their press releases, and refuses to share the data backing them up with outside researchers. Even worse, state reps are running around claiming that these reports are proof that Flint water is safe to drink. Can you tell me why it is so difficult to get this data, and why your agency is raising so many obstacles to sharing it with everyone who asks? I note that I have been asking to see your data since MDEQ first sent it to reporters back in August, and I count 10 e-mails that I sent responding to all your questions. As of yet, you have given me nothing in response. Yet you have been sending reporters one report after another. It seems your agency is more interested in public relations than sound science.

DHHS Scott immediately wrote to colleagues claiming *“I’m not very happy with him <Edwards> right now,”* and drafted a response that apologized for delays, his vacation, and acknowledging *“my time has been largely taken up with my Department’s response to the current situation in Flint.”* Hence, the FOIA reveals that DHHS had created their own catch-22: because they had stood and said nothing while MDEQ made false claims about what the blood lead data showed, they had no time to provide data to researchers that wanted to test the truthfulness of the claim.

Scott’s DHHS colleague Nancy Peeler asserted that Edwards e-mail had *“intent to escalate and spin things,”* and that he (Scott) should not get “caught up in that.” After reading the response, Edwards withdrew his request with a plea to let Hanna-Attisha have access to the state’s data, and within an hour the two DHHS employees were congratulating one another on their success:

DHHS Peeler to DHHS Robert Scott: ***“Really nice email, thanks.”***

DHHS Scott to DHHS Peeler: ***“Thanks-he sent a couple of responses that I’ll share on Monday. ”***

An Agency “more interested in public relations than sound science.”

Three sets of e-mails involving Peeler and Scott, sent within a day of the above exchange, illustrate the unethical behavior occurring within DHHS at the time—all in the name of public relations and at the expense of sound science.

1) “I’m Sure This One Is Not for the Public.”

Unbeknownst to Edwards, the day before he asserted in writing that DHHS was behaving unethically by hiding results to help cover up the problem and discredit the findings of Hurley’s Mona Hanna-Attisha—they were doing just that. At 3:45 pm on September 24th, Scott wrote an e-mail entitled ***“One more attempt to recreate Hurley.”*** The e-mail confirmed that Mona-Hanna Attisha’s analysis showing that blood lead had spiked after the switch to Flint River was verified with the DHHS data. But he also noted that ***“I’m sure this one is not for the public.”*** When informed that DHHS had knowledge supporting her analysis late last night, Hanna-Attisha confirmed that the state never did share those results with her—rather, the record shows DHHS was working full time to attack the idea there was any problem with childhood lead poisoning in Flint.

2) DHHS Sends Scrubbed Data to Edwards, Hanna-Attisha and Dr. Reynolds (Mott Children’s Health Center): But Withholds Damning July Report. In response to Edwards request for the final data that supporting Brad Wurfel’s months of assertions that blood lead was not increase, Scott provided both Edwards and Hanna-Attisha with documentation. Unfortunately, it was not the final DHHS memo from late July—that report demonstrated that DHHS knew of a serious lead spike that

occurred in summer of 2014. Instead, Scott sent a revised version of the data that had been created just two days before, which had no mention of the statistically significant spike in childhood lead poisoning. Likewise, responding to an earlier request from Dr. Reynolds, DHHS considered sending the July report sent to the Directors Office and Governor, but instead sent a revised version of the data with no hint of problems with blood lead in Flint's children.

3) Peeler's "Secret Hope" is Granted to Handle Free Press Reporter. Reporter Kristi Tanner from the Detroit Free Press was doing her own analysis of the Flint blood lead trends. Repeating the approach of Hanna-Attisha using DHSS data, comparing incidence of lead poisoning before to after the water switch, Tanner demonstrated a statistically significant increase in childhood lead poisoning. A flurry of DHHS e-mails to handle her analysis, went back and forth in DHSS—none of it considered acknowledging that she was correct. After all, Scott's analysis showing the same thing, was surely "**not for the public.**" Instead, the following exchange occurred between Peeler, Scott and DHHS public relations.

DHSS Peeler to DHSS Scott (September 25, 2015 1:20 pm):


"I think Bob is the best person to speak to them about the lead data, if you are comfortable with that Bob. My secret hope is that we can work in the fact that this pattern is similar to recent past.



DHHS Scott promptly delivered a quote (9/25/2015 1:19 pm):

"While the trend for Michigan as a whole has shown a steady decrease in lead poisoning year by year, smaller areas such as the city of Flint have their bumps from year to year while still trending downwards overall. Does that sound reasonable?"

Public Relations to Robert Scott (DHSS) (9/25/2015 1:36 pm):

“I like what you had to say. That’s basically what I told her, but she wants to hear it from someone other than a spokesperson.  Are you available for a call with her.”

The smiley and happy faces inserted in the above e-mails, are indeed part of the original documents. To her credit, Tanner did not buy the states arguments, but did note the DHHS conclusion that the increase was “***seasonal and not related to the water supply.***”

Also “Not for the Public:” Data That Caused the State to Admit They Were Wrong.

By October 2nd, the DHHS finally acknowledged that there was a serious problem in Flint. It confirmed that children living in the two zip codes (48503 and 48504) identified by Virginia Tech as having highest lead in water risks , also had increased incidence of childhood lead poisoning after the switch to Flint River. Just as Hurely’s Mona—Hanna Attisha had asserted. But they have never, to date, publicly released their in-house data demonstrating the extent of the problem.

Our FOIA reveals a shocking DHHS graph created in October 2015. It shows the statistically significant spike in blood lead that occurred in summer 2014– the scientific result that DHHS has never publicly acknowledged. Even more horrifying, it also shows blood lead skyrocketing in summer of 2015, to the point where 9.5-12.5 percent of children in Flint’s two high risk zip codes were lead poisoned. This is in the range of Hurley’s more recent estimate that incidence of childhood lead poisoning in some neighborhoods was as high as 15%. It goes without saying, surely, that this data was also “not for the public.”



The linked image cannot be displayed. The file may have been moved, renamed, or deleted. Verify that the link points to the correct file and location.

Figure 2: DHHS graph showing skyrocketing blood lead in 2nd and 3rd quarter of 2015, in two Flint zip codes identified by Virginia Tech as having highest water lead risk

FOIA Response Delayed by False Claims of “Litigation Hold” and “Attorney Client Privilege.”

DHHS fought hard to delay release of these documents. After the legal time allowed for FOIA elapsed, and Edwards had paid for the request, DHSS fabricated claims of a “Litigation Hold” and “Attorney Client Privilege” as cause for further delays. We want to publicly thank Nancy Kaffer for pointing out the absurdity of these claims. We are also deeply indebted to Senator Ananich and his staff, who

fought for release of these documents to us late Friday night.

MDHHS emails obtained via FOIA requests regarding blood lead levels of kids in Michigan, specifically in Flint

[Download \(PDF, 8.94MB\)](#)

These are the first batch of emails. We will possibly be releasing a second set sometime in January.

Primary Author: Dr. Marc Edwards

Acknowledgements: Siddhartha Roy

Nancy

Nancy Grijalva
Assistant to Nick Lyon, Director
Michigan Department of Health and Human Services



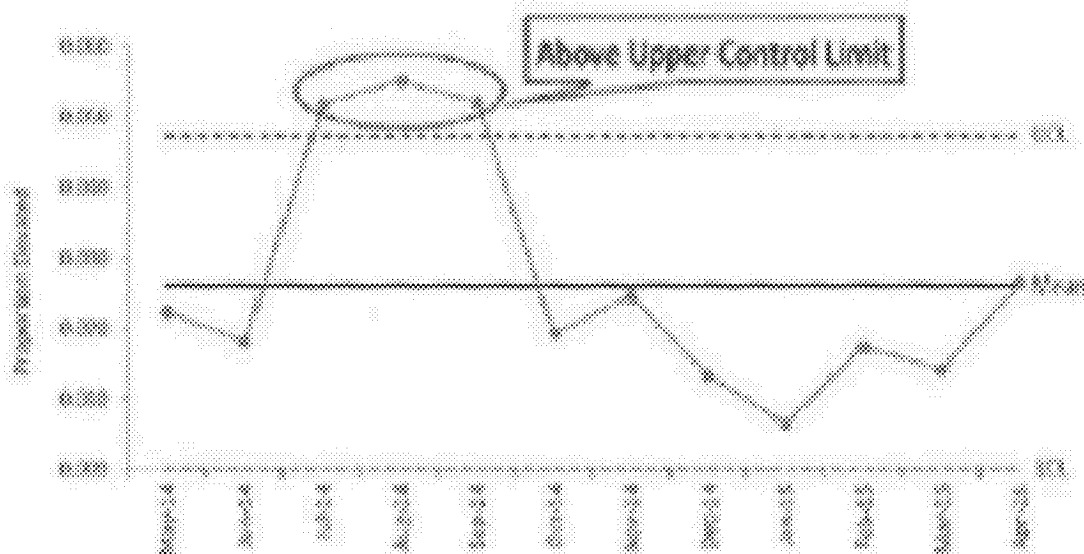
RESULTS:

- Figure 2 shows that—on average—there appears to be a higher proportion of first-time EBLL during the summer months of July, August, and September.
- However, even compared to the previous three years, the proportion of first-time EBLL is highest during summer 2014 (Figure 2).
- Based on the control chart for proportions (Figure 3), only the summer months of July, August, and September had proportions of EBLL higher than that expected from random variation over time.
- Further, the summer months of 2014 were the only data points between May 2014 and April 2015 with EBLL proportions above the average (mean) of the previous three years (Figure 3).

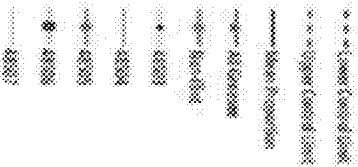
CONCLUSION:

- Based on the results depicted in Figure 3, positive tests for EBLL were higher than usual for children under age 16 living in the City of Flint during the months of July, August, and September, 2014.
- However, it's important to note that the purpose of control charts is to monitor data for the quick detection of abnormal variation—not to construct a case for causality.

Figure 3. Control Chart of Proportion of Children Tested for Lead Poisoning with Elevated Blood Lead Levels, May 2014—April 2015



January 2013 to August 2015



From: Clement, Elizabeth (GOV)
Sent: Monday, December 21, 2015 4:05 PM
To: Agen, Jarrod (GOV); Holland, Meegan (GOV); Murray, David (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV)
Subject: Fwd: Edwards Report Response

2 of 2. This is the response.

Sent from my iPad

Begin forwarded message:

From: "Lyon, Nick (DHHS)" <LyonN2@michigan.gov>
Date: December 21, 2015 at 3:47:14 PM EST
To: "Clement, Elizabeth (GOV)" <clemente@michigan.gov>
Subject: Fwd: Edwards Report Response

Begin forwarded message:

From: "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>
Date: December 21, 2015 at 3:46:05 PM EST
To: "Lyon, Nick (DHHS)" <LyonN2@michigan.gov>
Subject: RE: Edwards Report Response

With edits from the gov's team in bold..

The Michigan Department of Health and Human Services **has consistently provided information regarding blood lead levels in the city of Flint.**

When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by ZIP code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data needs to be thoroughly reviewed.

Additionally, Gov. Rick Snyder has created a Flint Water Task Force to review all city, state and federal responses and actions and is expected to make recommendations moving forward.

Our department is focused on ensuring that appropriate case management and follow up is occurring in Flint. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we are working closely with local partners to fulfill data requests as we receive them.

Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18.

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

From: Lyon, Nick (DHHS)
Sent: Monday, December 21, 2015 3:45 PM
To: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Subject: Re: Edwards Report Response

Final?

On Dec 21, 2015, at 2:36 PM, Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov> wrote:

Thank you -- here's what we have:

The Michigan Department of Health and Human Services has been, and continues to be, committed to full disclosure of information regarding the city of Flint and blood lead levels. To suggest otherwise is not consistent with how we have responded.

When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by zip code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data collected needs to be thoroughly reviewed. Our after action report will help determine how we conduct this process in the future.

Our department is focused on ensuring that appropriate case management and follow up is occurring in Flint. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we are working closely with local partners to fulfill data requests as we receive them.

Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18.

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 12:50 PM
To: Murray, David (GOV)
Subject: DRAFT: rough version

When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, //switch back to Detroit water// I appointed an independent task force to investigate how the situation evolved and to identify possible missteps and areas for improvement.

The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.

Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

We'll continue to work with the community to make sure we hear and respond to community concerns.

In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. **I'm also making** other personnel changes at MDEQ to address problems cited by the task force.

But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of health impacts over the short and long term. **Taking steps to protect their health over the short and long term.**

I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated \$10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397

Mobile: **PPI**
Twitter: @meholland

From: Tommasulo, Karen (DEQ)
Sent: Thursday, December 31, 2015 10:53 AM
To: Murray, David (GOV)
Subject: Fwd: Flint compliance sampling - media request
Attachments: Flint lead serv. ltr.pdf; ATT00001.htm

Just talked to Lindsey on the phone as well, and told her she'd have to call you on this one. Let me know if I can be of assistance.

Sent from my iPhone

Begin forwarded message:

From: Lindsey Smith <lmsmi@umich.edu>
Date: December 31, 2015 at 10:46:45 AM EST
To: "Tommasulo, Karen (DEQ)" <tommasulok@michigan.gov>
Subject: Flint compliance sampling - media request

Good morning Karen and happy New Year.

I'm hoping you may be able to help or at least point me in the right direction on who can help me find something. Back in November, Mike Prysby sent a letter to Flint looking for information related to compliance sampling for LCR. I've attached the letter here if that helps. Prysby was looking for a response from Flint on or before December 30th. Wondering if you guys have gotten anything from the city yet? I'm asking them too, just with it being a holiday week and all, I thought I'd see if you or anyone else is around today.

All the best,

--

Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE



DAN WYANT
DIRECTOR

November 9, 2015

Mr. Michael Glasgow
Utilities Administrator
City of Flint
4500 North Dort Highway
Flint, Michigan 48505

WSSN: #2310

Dear Mr. Glasgow:

SUBJECT: Water Supply – City of Flint (City) – Compliance Communication
Lead and Copper Rule Compliance Sampling Sites

The City community water system is subject to the requirements of the Michigan Safe Drinking Water Act, 1976 Public Act 399, as amended (Act 399). According to Department of Environmental Quality (DEQ) records, City reports submitted to the DEQ regarding Lead and Copper Rule (LCR) compliance monitoring information have been certified by the City that all LCR compliance monitoring since 1992 has been conducted at sampling sites meeting the Tier 1 criteria listed under subrule 1c of administrative rule 710a (R325.10710a).

The City's recent efforts to electronically convert customer service line information and statements by some of the City's certified operators conflict with the information provided in the City's LCR compliance monitoring certification reports.

Therefore, the DEQ is hereby requesting the City provide additional information and documentation regarding all 324 historic LCR compliance sampling sites.

As of November 3, 2015, the City's electronic database of customer service connections listed 10,895 records of converted customer service connection index cards. The City has recently indicated it has a total of 29,072 customer service connections, leaving approximately 18,177 records left to be converted. These digital records include a listing of the service line material.

The DEQ has obtained a copy of these 10,895 digital records and cross referenced them with the addresses for the City's 324 historic LCR compliance monitoring sites. However, only 46 of the 324 sites were able to be matched at the current time. Of these 46 sites, only 6 sites contained information confirming the Tier 1 site criteria based on having lead service line materials. 14 sites were listed as having no available information (n/a), and require additional documentation to justify being designated as a Tier 1 sample site having a lead service line. The remaining 26 cross referenced sites were listed as having copper service line materials which directly conflicts with the City's LCR reports certifying these sites as Tier 1 based on the criteria of having a lead service line. The City needs to provide additional information to the DEQ demonstrating these sites meet the Tier 1 site criteria or we will assume they do not.

The City's remaining 278 historic LCR compliance sampling sites must also be reviewed and will require additional documentation to justify being designated as Tier 1 sample sites.

Our office has provided the enclosed table that lists all 324 of the City's historic LCR compliance monitoring sites, when each site was utilized, the City's certification information for each site, and information cross referenced from the City's customer service line database. The City can use the far right column in this table, labeled *Justification of Lead Service Line and Tier 1 Criteria*, to summarize the City's justification for certifying these sites as Tier 1 and having a lead service line. Any supporting documentation regarding the justification for each site needs to be provided as separate attachments.

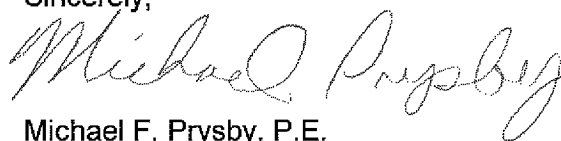
As a reminder, in accordance with subrule 1 of administrative rule 710a (R325.10710a), by January 1, 1992, the City was to have completed a materials evaluation of its distribution system to identify a pool of targeted sampling sites from which all first draw samples are collected. This evaluation was required to include information from:

- Special Monitoring for Corrosivity Characteristics
- All plumbing codes, permits, and records in the files of the building department or departments that indicate the plumbing materials installed within publically and privately owned structures connected to the water distribution system.
- All inspections and records of the distribution system indicating material composition of customer service connections.
- Water quality information that indicates locations which may be particularly susceptible to high lead or copper concentrations.

The completed table and all supporting documentation must be provided to our office as soon as possible, but by no later than December 30, 2015, prior to the next LCR compliance monitoring period.

Please contact me at 517-290-8817 or prysbym@michigan.gov at your earliest convenience to discuss this matter in more detail.

Sincerely,



Michael F. Prysby, P.E.
District Engineer
Lansing District Office
Office of Drinking Water and
Municipal Assistance

cc: Mr. Robert Bisnick, City of Flint
Mr. Brent Wright, City of Flint
Mr. Howard Kroft, City of Flint
Ms. Natasha Henderson, City of Flint
Mr. Jim Sygo, Chief Deputy Director, DEQ
Mr. Stephen Busch, DEQ
Mr. Adam Rosenthal, DEQ

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 12:28 PM
To: Tommasulo, Karen (DEQ); Brown, Melanie (DEQ)
Subject: FW: Flint compliance sampling - media request

Hello Karen and Mel,

I'm not familiar with this document. Is this something that can be provided?

Dave Murray

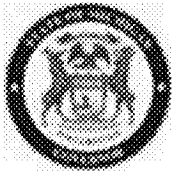
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Lindsey Smith [<mailto:lmsmi@umich.edu>]
Sent: Tuesday, January 05, 2016 12:18 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint compliance sampling - media request

Hi Dave,

Just checking in on this request. Any chance I can get it without FOIA?

Best~

On Thu, Dec 31, 2015 at 11:04 AM, Lindsey Smith <lmsmi@umich.edu> wrote:

I understand. Rock on. Appreciate the quick response.

Best~

On Thu, Dec 31, 2015 at 11:01 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Hello Lindsey,

With state offices closed today, and the deadline for the request yesterday afternoon, I might not be able to obtain this information by the end of the day today. We might need to wait until Monday morning, when the people involved would have access to the documents and could send them to me. I will reach out to them and see what is possible today.

Dave Murray

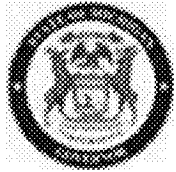
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Lindsey Smith [<mailto:lmsmi@umich.edu>]
Sent: Thursday, December 31, 2015 10:56 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Flint compliance sampling - media request

Hi Dave and happy New Year.

Just talked to Karen at DEQ, who said all requests about Flint are headed your way for the time being. I would've asked yesterday but was out sick. If you get a chance, would love to see this info from Flint if/when it is available.

Best~

----- Forwarded message -----

From: Lindsey Smith <lmsmi@umich.edu>
Date: Thu, Dec 31, 2015 at 10:46 AM
Subject: Flint compliance sampling - media request
To: "Tommasulo, Karen (DEQ)" <tommasulok@michigan.gov>

Good morning Karen and happy New Year.

I'm hoping you may be able to help or at least point me in the right direction on who can help me find something. Back in November, Mike Prysby sent a letter to Flint looking for information related to compliance sampling for LCR. I've attached the letter here if that helps. Prysby was looking for a response from Flint on or before December 30th. Wondering if you guys have gotten anything from the city yet? I'm asking them too, just with it being a holiday week and all, I thought I'd see if you or anyone else is around today.

All the best,

Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

--

Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

--

Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

--

Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 1:09 PM
To: 'Hollins, Harvey (GOV)'; 'Holland, Meegan (GOV)'
Subject: RE: Flint Talking Point

Hello Harvey, after consulting with Jim Redford, we developed this short statement:

We will cooperate fully with any requests from the U.S. Attorney's Office as it looks into Flint's water challenges. Gov. Snyder has appointed an independent panel that is reviewing all state, local and federal actions related to the situation, and we are fully cooperating with any requests made by that panel as well. We are committed to working with Mayor Karen Weaver and county leaders as we focus on protecting the health of Flint residents and all Michiganders.

Dave Murray

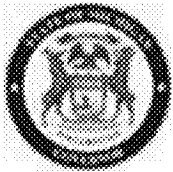
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Hollins, Harvey (GOV)
Sent: Tuesday, January 05, 2016 1:07 PM
To: Baird, Richard (GOV) <bairdr@michigan.gov>; Agen, Jarrod (GOV) <Agent1@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>

Attorney-Client Privilege

Harvey

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 3:46 PM
To: jessica.dupnack@abc12.com
Subject: EMBARGOED RELEASE
Attachments: 160105_FlintEmergencyDeclaration_SEOCAActivation.docx

Jessica, per our discussion. This is embargoed until we text the green light, which is when the final approvals are sent.

Dave Murray

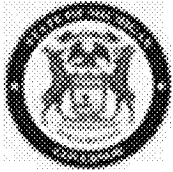
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



News Release

Contacts: Dave Murray
517-335-6397

Ron Leix, MSP/EMHSD
517-336-6464

FOR IMMEDIATE RELEASE
Tuesday, January 5, 2016

Gov. Snyder declares emergency for Genesee County *State Emergency Operations Center activated to assist with relief efforts*

LANSING, Mich. – Gov. Rick Snyder today declared a state of emergency for Genesee County due to the ongoing health and safety issues caused by lead in the city of Flint's drinking water.

By declaring a state of emergency, Snyder has made available all state resources in cooperation with local response and recovery operations. The declaration authorizes the Michigan State Police, Emergency Management and Homeland Security Division (MSP/EMHSD) to coordinate state efforts.

"The health and welfare of Flint residents is a top priority and we're committed to a coordinated approach with resources from state agencies to address all aspects of this situation," Snyder said. "Working in full partnership with the Flint Water Advisory Task Force, all levels of government and water quality experts, we will find both short-term and long-term solutions to ensure the health and safety of Flint residents."

In addition to the emergency declaration, Snyder activated the State Emergency Operations Center to coordinate state response and recovery activities. State agencies will report to the center to coordinate resources, assess the situation and begin providing assets to assist with local relief operations.

"Our staff recognizes the urgency of this situation and is already working closely with local officials," said Capt. Chris A. Kelenske, Deputy State Director of Emergency Management and Homeland Security and commander of the MSP/EMHSD. "We will continue to collaborate with state, city and county leaders to coordinate relief efforts, streamline communication and use all available resources to help residents."

On Jan. 4, Genesee County declared a "local state of emergency," which activated local emergency response and recovery plans. By requesting a governor's declaration, the county has determined local resources are insufficient to address the situation and state assistance is required to protect public health, safety and property to lessen or avert the threat of a crisis.

The city of Flint has been under a local emergency declaration since Dec. 14, 2015.

The SEOC is the emergency operations center for the state of Michigan. Located in Lansing, the center is overseen by the MSP/EMHSD and coordinates response and recovery efforts by state agencies and local government. The SEOC is staffed by members of state agencies and other partners for decision making and information coordination during disasters or emergencies in the state of Michigan.

###

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 3:51 PM
To: 'jkaroub@ap.org'
Subject: Embargoed release
Attachments: 160105_FlintEmergencyDeclaration_SEOCAActivation.docx

Dave Murray

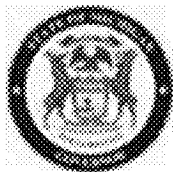
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



News Release

Contacts: Dave Murray
517-335-6397

Ron Leix, MSP/EMHSD
517-336-6464

FOR IMMEDIATE RELEASE
Tuesday, January 5, 2016

Gov. Snyder declares emergency for Genesee County *State Emergency Operations Center activated to assist with relief efforts*

LANSING, Mich. – Gov. Rick Snyder today declared a state of emergency for Genesee County due to the ongoing health and safety issues caused by lead in the city of Flint's drinking water.

By declaring a state of emergency, Snyder has made available all state resources in cooperation with local response and recovery operations. The declaration authorizes the Michigan State Police, Emergency Management and Homeland Security Division (MSP/EMHSD) to coordinate state efforts.

"The health and welfare of Flint residents is a top priority and we're committed to a coordinated approach with resources from state agencies to address all aspects of this situation," Snyder said. "Working in full partnership with the Flint Water Advisory Task Force, all levels of government and water quality experts, we will find both short-term and long-term solutions to ensure the health and safety of Flint residents."

In addition to the emergency declaration, Snyder activated the State Emergency Operations Center to coordinate state response and recovery activities. State agencies will report to the center to coordinate resources, assess the situation and begin providing assets to assist with local relief operations.

"Our staff recognizes the urgency of this situation and is already working closely with local officials," said Capt. Chris A. Kelenske, Deputy State Director of Emergency Management and Homeland Security and commander of the MSP/EMHSD. "We will continue to collaborate with state, city and county leaders to coordinate relief efforts, streamline communication and use all available resources to help residents."

On Jan. 4, Genesee County declared a "local state of emergency," which activated local emergency response and recovery plans. By requesting a governor's declaration, the county has determined local resources are insufficient to address the situation and state assistance is required to protect public health, safety and property to lessen or avert the threat of a crisis.

The city of Flint has been under a local emergency declaration since Dec. 14, 2015.

The SEOC is the emergency operations center for the state of Michigan. Located in Lansing, the center is overseen by the MSP/EMHSD and coordinates response and recovery efforts by state agencies and local government. The SEOC is staffed by members of state agencies and other partners for decision making and information coordination during disasters or emergencies in the state of Michigan.

###

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 5:19 PM
To: Hollins, Harvey (GOV)
Cc: Holland, Meegan (GOV)
Subject: Points on federal aid

Hi Harvey,

Some media people are asking why we are not immediately seeking federal aid. Here's what I've been sending to reporters:

The state of Michigan will use its resources to the fullest possible extent during this emergency. If state and local resources are unable to cope with the emergency, the Governor may request federal assistance. We will continue to look for all avenues for potential assistance for Flint as part of our collaborative efforts to protect the health and welfare of children and all residents

Dave Murray

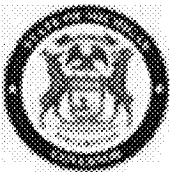
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 6:23 PM
To: 'Egan, Paul'
Subject: RE: Your question

Ah! Now I see.

The declaration is always a process that starts with the local governments.

Dave Murray

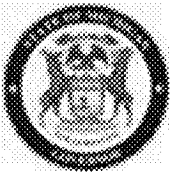
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Egan, Paul [<mailto:pegan@freepress.com>]
Sent: Tuesday, January 05, 2016 6:21 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Your question

Thanks I was only trying to clarify about the emergency declaration, should have worded the question more clearly.

From: Murray, David (GOV) [<mailto:MurrayD1@michigan.gov>]
Sent: Tuesday, January 05, 2016 6:20 PM
To: Egan, Paul <pegan@freepress.com>
Subject: RE: Your question

For the declaration, we needed to have a formal request from the county. When we received that request, we were able to issue the declaration in a day. But we have been working with Flint leaders for months.

Dave Murray

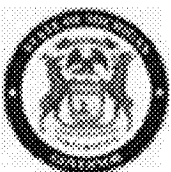
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Egan, Paul [<mailto:pegan@freepress.com>]
Sent: Tuesday, January 05, 2016 5:59 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Your question

As soon as I posted story on Twitter a lot of people chimed in with "110 days too late," etc. Ananich said "It is beyond frustrating that the city I love, and the people who live in it, had to declare it destroyed before the state would act with any urgency."

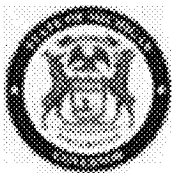
I don't think you answered my question: is the governor saying the state had to wait for formal request from county before it could act?

From: Murray, David (GOV) [<mailto:MurrayD1@michigan.gov>]
Sent: Tuesday, January 05, 2016 5:56 PM
To: Egan, Paul <pegan@freepress.com>
Subject: RE: Your question

Just curious, who is making these allegations?

Gov. Snyder has been allocating state resources to address health and wellness challenges in Flint since October through his action plan. We've been working closely with Mayor Weaver and other local leaders on a variety of approaches to obtaining additional resources. Those are conversations that will continue, along with collaborative efforts with city and county leaders.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter: @michigandmurray



From: Egan, Paul [<mailto:pegan@freepress.com>]
Sent: Tuesday, January 05, 2016 5:29 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Your question

On the allegations of delay, is the governor saying the state had to wait for formal request from county before it could act?

From: Murray, David (GOV) [<mailto:MurrayD1@michigan.gov>]
Sent: Tuesday, January 05, 2016 5:12 PM
To: Egan, Paul <pegan@freepress.com>
Subject: Your question

Hi Paul,

The state of Michigan will use its resources to the fullest possible extent during this emergency. If state and local resources are unable to cope with the emergency, the Governor may request federal assistance. We will continue to look for all avenues for potential assistance for Flint as part of our collaborative efforts to protect the health and welfare of children and all residents

Dave Murray

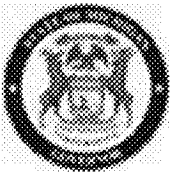
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

██████████ mobile

Twitter: @michigandmurray



From: Brown, Eric (GOV)
Sent: Thursday, September 24, 2015 2:38 PM
To: Muchmore, Dennis (GOV)
Subject: Re: Conf Call re Flint Water

Yes, thanks

Sent from my mobile device

> On Sep 24, 2015, at 2:36 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

>

> Do you want to be on this call?

>

> -----Original Appointment-----

> From: Muchmore, Dennis (GOV)

> Sent: Thursday, September 24, 2015 1:41 PM

> To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Clayton, Stacie (GOV); Baird, Richard (GOV); VanSickle, Michele (GOV); Murray, David (GOV); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Wurfel, Brad (DEQ); Lyon, Nick (DCH); Lasher, Geralyn (DCH); Grijalva, Nancy (DCH); Saxton, Thomas (Treasury); Pleyte, Beth (Treasury); Walsh, John (GOV); Hall, Jean (GOV); McBride, Bill (GOV)

> Subject: Conf Call re Flint Water

> When: Thursday, September 24, 2015 3:30 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).

> Where: 86 [PPI]

>

>

>

>

> * [PPI] — Harvey to host

>

>

> <meeting.ics>

Subject: DM/EC/JA/RB/JW/JR/HH/SW/DM/DW/NL/GL/DP or DA or ML re Flint next steps
Location: Governor's Conference Room - 2nd Floor Romney (call in number below)

Start: Wed 10/14/2015 11:30 AM
End: Wed 10/14/2015 12:00 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: Agen, Jarrod (GOV)
Required Attendees: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Walsh, John (GOV); Redford, James (GOV); Hollins, Harvey (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Wyant, Dan (DEQ); Lyon, Nick (DHHS); Lasher, Geralyn (DHHS); Posthumus, Dick (GOV); Ackerman, Darin (GOV); Lange, Michelle (GOV); Rospond, Laurie (GOV); Thomet, Ruth (GOV); Thelen, Mary Beth (DEQ); Grijalva, Nancy (DHHS); Hall, Jean (GOV); VanSickle, Michele (GOV); Clayton, Stacie (GOV)
Optional Attendees: Wells, Eden (DHHS)



MDHHS Action Plan
Flint EBL.DOC...

Conference Number - **PPI**
Access Code - **PPI**
Host Code - **PPI** (Jarrod to host)

Michigan Department of Community Health (MDHHS) Flint Water Action Plan

Action	Local Lead	MDHHS Lead	Tasks
Filter/Water Distribution	Tamara Brickley (Genesee County Health Department-GCHD)	Sheryl Thompson, MDHHS	<ul style="list-style-type: none"> - Coordination of distribution (GCHD) - Identify at-risk sub-groups (GCHD) - Tracking filters- uniform registry held by GCHD - Ordering filter replacements (MDHHS)
Blood Testing	Tony LaRocco (GCHD) Possible partners: <ul style="list-style-type: none"> - Hurley - Great Flint Health Coalition - MIHP - LHD - Schools 	Dr. Eden Wells/ Nancy Peeler (CLPPP)	<ul style="list-style-type: none"> - Test all <ul style="list-style-type: none"> o Students 0-16 o Priorities: <ul style="list-style-type: none"> ▪ 3 schools ▪ 2 zip codes ▪ ages 0-15 - Convene meeting with GCHD and all potential partners (MDHHS) <ul style="list-style-type: none"> o Partner with schools- information about testing sites options distributed through school districts to parents o Partner with Great Flint Health Coalition-network to develop testing sites and information about testing to healthcare providers o Partner with Hurley/McClaren/Genesys o Partner with MIHP/Home Visiting Program - Confirm that the state lab has capacity to handle increase in tests- CONFIRMED
Case Management Follow Up	Tony LaRocco (GCHD)	Eden Wells/ Nancy Peeler (CLPPP)	<ul style="list-style-type: none"> - Identification of all current positives-confirmatory testing for > 5 mcg/dl (as of April 2014) - Maintain registry of all tests performed (-/+) - Follow-up all cases >5 mcg/dl with the CLPP Case Management protocol
Elevated Blood Level Investigations(all > 5 mcg/dl)	Dawn Hallwood (GCHD)	Linda Dykema	<ul style="list-style-type: none"> - Secure financial resources necessary to support environmental health response - Follow-up CLPPP to see if immediate funds available - Recommendation to contract with Lead Investigation company thru SEMHA-

			licensed investigators
Communications	Hilda McShane (GCHD)	Geralyn Lasher	<ul style="list-style-type: none"> - Daily MDHHS and GCHD phone calls (3PM) - Provide provider education- links sent for Governor's site to GCHD 10/12 - Provide public education - Provide risk education - Provide links with lead prevention information to Flint

From: Wurfel, Sara (GOV)
Sent: Friday, August 07, 2015 4:01 PM
To: Redford, James (GOV)
Cc: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV)
Subject: RE: PRESS RELEASE: Statement RE Shears vs. CoF Decision

Story just posted. It has to do with hot topic of Flint water. Looping in Dave and Jarrod too.

Judge orders Flint to cut water rates 35 percent in sweeping injunction
http://www.mlive.com/news/flint/index.ssf/2015/08/flint_ordered_to_cut_water_rat.html

FLINT, MI -- Less than four months after the city's financial emergency ended, a judge's order has city officials talking about a potential bankruptcy all over again ...

From: Wurfel, Sara (GOV)
Sent: Friday, August 07, 2015 3:43 PM
To: Redford, James (GOV)
Cc: Dennis Muchmore; Hollins, Harvey (GOV); Beth Clement
Subject: FW: PRESS RELEASE: Statement RE Shears vs. CoF Decision
Importance: High

This isn't the retiree health care case, right?

Any details or insight we have and how big of deal this may be on city's finances and next steps/state involvement?

Also looping in quick with Treasury.

From: Jason Lorenz [<mailto:jlorenz@cityofflint.com>]
Sent: Friday, August 07, 2015 2:32 PM
Subject: PRESS RELEASE: Statement RE Shears vs. CoF Decision

For Immediate Release

Statement from the City Attorney Regarding Court's Ruling in *Shears vs City of Flint*

Flint, Michigan – August 7, 2015 – In response to the 7th Circuit Court's ruling today in the case of *Shears vs City of Flint*, the following statement has been issued by City Attorney Pete Bade:

“Today's ruling is striking in terms of both its deviation from Michigan law, as well as the immediate financial harm it will cause the City of Flint. This will have a devastating financial impact. The City will immediately seek a stay of this order and review by the Court of Appeals.”

-Pete Bade

City Attorney

City of Flint

—END—

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com



From: Smith, Paul (GOV)
Sent: Tuesday, January 05, 2016 12:01 PM
To: Baird, Richard (GOV); Redford, James (GOV); Hollins, Harvey (GOV); Murray, David (GOV)
Subject: FW: Recommendation for Governor's Declaration of an Emergency

Importance: High

Captain Kelenske will have a draft declaration ready within the next hour. I will wait until the draft is ready to forward this to the Governor so that we can get it done within a single email.

From: Kelenske, Chris (MSP)
Sent: Tuesday, January 05, 2016 11:36 AM
To: Smith, Paul (GOV) <SmithP29@michigan.gov>
Cc: Etue, Kriste (MSP) <EtueK@michigan.gov>; Gorski, Gary (MSP) <GorskiG@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Leix, Ron (MSP) <LeixR@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Banner, Shanon (MSP) <BannerS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>
Subject: Recommendation for Governor's Declaration of an Emergency
Importance: High

Paul

On January 4, 2016, Genesee County requested that a "State of Emergency/Disaster" be issued by Governor Snyder. I have reviewed the situation with key EMHSD staff and we conclude that a recommendation for declaration of a State of Emergency is warranted based on the following factors:

- The situation is sufficiently widespread and severe.
- The situation adversely impacts public health, safety and welfare. The presence of lead in drinking water has been documented. The full extent and required remediation remain unknown.
- The potential fiscal impact to the city of Flint is severe. The current situation poses an extraordinary financial burden.
- The city and county do not possess the technical expertise to fully identify impacts and remediation.

EMHSD also recommends activation of the SEOC which will include:

- Attendance by all state agencies;
- Situation Reports by all state agencies for situational awareness and to develop a common operating picture;
- Technical briefings by MDEQ and MDHHS on the situation.

Following initial SEOC briefings, state agencies must determine (in consultation with the state director of EMHS) if they need to play a role in ongoing SEOC operations to contribute to addressing the Flint water issue. At minimum, the following agencies should maintain a presence in the SEOC during the operational period: MDEQ, MDHHS, MI Department of Education, DTMB, Department of Talent and Economic Development, and MDARD. The SEOC operational period is to be determined but will at minimum be 8-5 Monday through Friday.

The initial focus of the SEOC will be to:

- Identify and implement any needed protective actions to protect public health and safety;
- Develop situational awareness and common operating picture;
- Develop understanding of technical aspects;
- Coordinate damage assessment;
- Review resource requests;
- Coordinate public information; and
- Identify programs to assist in remediating damage.

Finally, EMHSD staff recommends:

- Activation of a Joint Information Center located in Flint which must include PIOs from Genesee County, the city of Flint, and other appropriate local agencies to participate.

ACTION ITEM: The Governor's Declaration of an Emergency is being drafted and will be initiated pending the Governor's approval of this recommendation and above actions.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."



From: Smith, Paul (GOV)
Sent: Tuesday, January 05, 2016 3:16 PM
To: Scott, Allison (GOV)
Cc: Redford, James (GOV)
Subject: FW: flint declaration of emergency
Attachments: 2016-01-05 Flint Water Governor's Declaration Final Draft - No watermark.docx

Here is the version I just sent out with the "Draft" watermark removed.

From: Redford, James (GOV)
Sent: Tuesday, January 05, 2016 3:14 PM
To: Smith, Paul (GOV) <SmithP29@michigan.gov>
Subject: Fwd: flint declaration of emergency

Sent from my iPad

Begin forwarded message:

From: "Scott, Allison (GOV)" <scotta12@michigan.gov>
Date: January 5, 2016 at 3:09:45 PM EST
To: "Redford, James (GOV)" <RedfordJ@michigan.gov>
Cc: "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>
Subject: flint declaration of emergency

I have one more change so please send almost final doc to me for last edit. I will have Gov review then it will go to auto pen.

PROCLAMATION

DECLARATION OF EMERGENCY

WHEREAS, Section 1 of Article V of the Michigan Constitution of 1963 vests the executive power of the state of Michigan in the Governor; and

WHEREAS, under the Emergency Management Act, Act No. 390 of the Public Acts of 1976, as amended, MCL 30.401 to 30.421, the Governor is responsible for coping with dangers to this state or the people of this state presented by a disaster or emergency or threat thereof, and may issue executive orders and proclamations, having the force and effect of law to implement the Act; and

WHEREAS, under Section 3 of the Emergency Management Act, 1976 Public Act 390, MCL 30.403, the Governor shall, by executive order or proclamation, declare a state of emergency if the Governor finds that an emergency has occurred or that the threat of an emergency exists; and

WHEREAS, on April 25, 2014 the City of Flint, Michigan switched from the Detroit water system to the Flint River as a water source, the harmful effects of untreated water struck the city's water infrastructure, causing leaching of lead into the water which caused damage to the water system and potential negative health impacts to the citizens; and

WHEREAS, the area affected includes parts of the City of Flint, within the County of Genesee; and

WHEREAS, the damaged water infrastructure and leaching of lead into the city's water caused damage to public and private water infrastructure, and has either caused or threatened to cause elevated blood lead levels in humans, especially in the population of children and pregnant women, and causing a potential immediate threat to public health and safety and disrupting vital community services; and

WHEREAS, from October 1, 2015 to this date, the County of Genesee and the City of Flint have taken a number of actions to cope with the situation, including but not limited to, switching back to the Detroit water system on October 16th, declaring local states of emergency, activating the emergency response and recovery aspects of their emergency operations plan, marshaling and distributing required resources on a city-wide level, and issuing emergency public information and bulletins; and

WHEREAS, local resources have been insufficient to address the situation, and additional assistance from voluntary organizations and the state is required to protect public health, safety, and property, and to lessen or avert the threat of more severe and long lasting impacts to the community;

NOW, THEREFORE, I, RICHARD D. SNYDER, Governor of the state of Michigan, pursuant to the Constitution of the state of Michigan and provisions of Act No. 390 of the Public Acts of 1976, as amended, do hereby proclaim that a state of emergency exists in the aforementioned county and municipality; and

FURTHER, the Emergency Management and Homeland Security Division of the Department of State Police shall coordinate and maximize all state efforts, and may call upon all state departments to utilize resources at their avail to assist in the emergency area pursuant to the Michigan Emergency Management Plan; and

FURTHER, termination of this emergency will occur at such time as the threats to public health, safety, and property caused by the emergency no longer exist and appropriate programs have been implemented to recover from the effects of this emergency, but in no case longer than February 1, 2016, unless extended as provided by Act No. 390.

Given under my hand and the
Great Seal of the State of Michigan this
5th day of January in the Year of Our
Lord, Two Thousand and Sixteen.

RICHARD D. SNYDER
GOVERNOR

BY THE GOVERNOR:

SECRETARY OF STATE

From: Kennedy, Jordan (GOV)
Sent: Thursday, November 05, 2015 12:18 PM
To: Agen, Jarrod (GOV)
Cc: Brown, Jessica (GOV)
Subject: FW: DEQ Seeks Gov. Signature- Letter to EPA - Flint Safe Drinking Water POC -
NEEDED BY Tues. 11.10.15
Attachments: 11.2.15 DEQ USEPA Flint Water Task Force.doc; Information Transmittal USEPA Task
Force 11-3-15.pdf
Importance: High

FYI here is the letter that we talked about yesterday for your review. Copying Jess as well.

Thanks,

Jordan Kennedy
Communications Representative
Executive Office of Governor Rick Snyder
Phone: 517.335.6397



From: Hall, Jean (GOV)
Sent: Tuesday, November 03, 2015 4:44 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; McBride, Bill (GOV) <mcbrideb@michigan.gov>; Agen, Jarrod (GOV) <Agenj@michigan.gov>; Walsh, John (GOV) <WalshJ@michigan.gov>
Cc: Scott, Allison (GOV) <scotta12@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Khouri, Claire (GOV) <KhouriC@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Brown, Eric (GOV) <BrownE15@michigan.gov>; Blackwell, Rob (GOV) <Blackwellr2@michigan.gov>; Arwood, Cheri (GOV) <ArwoodC@michigan.gov>; Hansen, Rachel (GOV) <hansenr3@michigan.gov>; Taylor, Nicole (GOV) <TaylorN7@michigan.gov>; Brownfield, Michael (GOV) <BrownfieldM2@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>; Thomet, Ruth (GOV) <ThometR@michigan.gov>; Stoken, Laura (GOV) <Stokenl@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Lukasik, Liz (GOV) <LukasikL@michigan.gov>; Weber, Travis (GOV) <WeberT7@michigan.gov>; Ayers, Angela (GOV) <AyersA@michigan.gov>
Subject: DEQ Seeks Gov. Signature- Letter to EPA - Flint Safe Drinking Water POC - NEEDED BY Tues. 11.10.15
Importance: High

Hello All,

DEQ is seeking the Governor's signature on the attached letter to Dr. Susan Hedman, Regional Administrator, USEPA, Region 5. The letter designates Jim Sygo, Chief Deputy Director, MDEQ as the DEQ point person for the USEPA – Region 5 Flint Safe Drinking Water Task Force.

For your reference, DEQ provided the attached Transmittal Form , along with a copy of the October 21 Flint Drinking Water Action Plan Update which includes a summary about the conference call with USEPA and MDEQ where the USEPA requested this letter. The attachment also includes the USEPA's October 16 press release about the establishment of the Task Force (see yellow highlighted text in both attachments)

Your approval, input, and/or changes are needed by EOB by **Tues. 11.10.15.**

If you have any questions or need additional background information, please let me know.

Thank you.

Jean Hall
Executive Assistant
Office of Strategic Policy
Executive Office of Governor Rick Snyder
HallJ16@michigan.gov
517-241-5493



STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

November 2, 2015

Dr. Susan Hedman, Regional Administrator
United States Environmental Protection Agency
Region 5
77 West Jackson Boulevard (R-19J)
Chicago, Illinois 60604-3507

Dear Dr. Hedman:

This letter is in follow up to a conference call on October 20, 2015 between the United States Environmental Protection Agency (USEPA), Region 5, and the Michigan Department of Environmental Quality (MDEQ). The purpose of that call was to discuss Region 5's Flint Safe Drinking Water Task Force (Task Force) that was established to provide the USEPA's technical expertise to the MDEQ and the city of Flint, Michigan.

During that call, it was requested that the State of Michigan provide the USEPA with an MDEQ point of contact for the Task Force. This letter is to inform you of the designation of Mr. Jim Sygo, Chief Deputy Director, MDEQ, as that point of contact. Mr. Sygo's contact information is below:

Michigan Department of Environmental Quality
P.O. Box 30473
Lansing, MI 48909-7973
sygoj@michigan.gov
517-284-6709

Thank you for your assistance in this matter as we work together to ensure a safe and reliable drinking water supply for the city of Flint.

Sincerely,

Rick Snyder
Governor

cc: Mr. Robert Kaplan, Deputy Regional Administrator, USEPA, Region 5
Mr. Dan Wyant, Director, MDEQ
Mr. Jim Sygo, Chief Deputy Director, MDEQ



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
EXECUTIVE DIVISION

INFORMATION TRANSMITTAL AND REQUEST FOR GOVERNOR'S ACTION

TO: Governor Rick Snyder via Jean Hall

FROM: Dan Wyant, Director

DATE: November 3, 2015

SUBJECT: Task Force Point of Contact Designation Letter to Susan Hedman, Regional Administrator, United States Environmental Protection Agency, Region 5

Action Taken by DEQ (action requested of Governor's Office in parentheses)	
<input checked="" type="checkbox"/>	Letter (for Governor's signature – draft attached)
<input type="checkbox"/>	Printed Material (for Governor's signature – attached)
<input type="checkbox"/>	Proclamation Request (for Governor's signature – draft attached)
<input type="checkbox"/>	Telephone Call (for Governor's information – explanation given under "Situation Description")
<input type="checkbox"/>	Other:

Governor's Action Requested By: November 16, 2015

Situation Description: During an October 20 conference call between the USEPA and DEQ regarding USEPA's establishment of the Flint Safe Drinking Water Task Force, the USEPA requested that Governor Snyder designate a DEQ point of contact for the Task Force. Attached are a draft letter to be signed by Governor Snyder, the October 21 Flint Drinking Water Action Plan Update regarding the conference call, and USEPA's October 16 press release regarding the establishment of the Task Force. Please contact Karen Shaler, Executive Division, DEQ, at shalerk@michigan.gov when the letter is ready to be picked up. Thank you.

Contact Person's Name: Jim Sygo, Chief Deputy Director
DEQ Division/Office: Executive Division
Telephone: 517-284-6709
E-Mail Address: sygoj@michigan.gov

Governor's Response (for Governor's Office use only):

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

- Action Step #1 has been incorporated into the After Action Plan (Action Step #4).
- It was determined that the information in Action Step #10 would be communicated better in person and has, therefore, been incorporated into Action Step #13.
- DEQ staff has tentatively identify the week of October 26 to meet with representatives from the remaining 10 locations in the Flint Community Schools who were not present at the October 16 meeting at the Superintendent's office.
- DEQ staff has contacted DHHS to request a meeting regarding lead education materials for schools.
- The first plumbing assessment has been scheduled for Friday, October 23. The subsequent sampling of the first facility has been scheduled for Saturday, October 24. This decision was made jointly among DEQ, DLARA, and DHHS in an effort to ensure that sampling staff could properly evaluate the sampling protocol without the added pressure of completing the sampling process before students arrived on-site.
- The DEQ Laboratory has created a fillable PDF form for use in the school sampling protocol. This form was created to streamline the information gathering process. The form was submitted for review by staff in DEQ, DHHS, and DLARA, and comments were subsequently incorporated. The form is now complete and ready for use.
- The corrosion control treatment plan (CCTP) and permit application were received late last Friday, October 16, and were reviewed. Our review comments were provided to Flint's consultant [Lockwood, Andrews & Newnam, Inc. (LAN)]. The CCTP was forwarded to EPA on October 16, and their comments were received on October 19. A conference call was held on October 20 between our staff and Darren Lytle and Michael Schock of EPA to discuss the main comments (EPA's and DEQ's) to confirm that both agencies concur with the design and proposed corrosion control dosages. We are currently preparing a revised set of comments, based on our discussion with EPA. The revised comments will be sent to EPA to confirm concurrence before sending to LAN.
- An Act 399 permit will be issued to the city of Flint to install corrosion control treatment following receipt of revised plans, specs, and – as needed – a permit application that addresses the revised review comments.
- DEQ staff has contacted DHHS to schedule a meeting to discuss the development of childcare facility guidance. This guidance will be similar in nature to what is being done in schools but will be tailored to address the specific

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

Flint Drinking Water Action Plan Update

Page 2

concerns with younger children and the smaller plumbing infrastructure of typical childcare facilities.

Additional Actions:

- Standing meetings with the city of Flint have been scheduled for Fridays at 10:00 a.m. These meetings have been scheduled through December 18. In addition, a tour of the Flint Water Treatment Plant has been scheduled for October 23. The DEQ be taking video footage of the tour, showing the coordinated efforts being taken by the city of Flint, DEQ, DHHS, and DLARA. Genesee County Health Department (GCHD) has been invited to the Friday meetings as well as the tour, and GCHD is in the process of determining if they can participate.
- A meeting was held between staff from the DEQ, DLARA, and DHHS to discuss details regarding the flow and coordination of efforts for the school sampling protocol. It was mutually agreed that it was best to only do one school at first so that we can ensure that the process runs smoothly from partner to partner. The first plumbing evaluation will be done at Freeman Elementary School on Friday, October 23. Steve Busch of the DEQ will accompany staff from DLARA to answer questions they might have during their plumbing evaluations. The subsequent water sampling effort will take place the next day, on Saturday, October 24. It was agreed that taking the samples on Saturday would allow staff to be able to evaluate the sampling process without the added pressure of ensuring that the sampling was complete before students arrived at the building.
- DEQ Director Dan Wyant, Jim Sygo, George Krisztian, and Karen Tommasulo held a conference call with Dr. Susan Hedman, EPA's Regional Administrator, and other representatives from EPA to discuss the EPA's formation of the Flint Safe Drinking Water Task Force. The purpose of the Task Force is to provide one-stop shopping for technical assistance for the optimization of corrosion controls for the switch from Detroit Water and Sewerage Department to the Karegnondi Water Authority. EPA requested a point of contact for the DEQ, and Director Wyant suggested Chief Deputy Director Jim Sygo. EPA agreed that this was an appropriate choice and requested a formal letter indicating Chief Deputy Director Sygo as the point of contact.
- DHHS has indicated that the total water filter/pitcher distribution for the period of October 6 through October 20 was 9,373 units.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: PPI (new number)
October 21, 2015

Shaler, Karen (DEQ)

From: Thelen, Mary Beth (DEQ)
Sent: Friday, October 16, 2015 5:40 PM
To: Krisztian, George (DEQ); Sygo, Jim (DEQ); Shekter Smith, Liane (DEQ)
Cc: Shaler, Karen (DEQ); Devereaux, Tracy Jo (DEQ)
Subject: FW: EPA Establishes Safe Drinking Water Task Force to Provide Expertise to MDEQ and City of Flint

FYI.

From: Josh Singer [<mailto:rioreply-subscriptions@epa.gov>]
Sent: Friday, October 16, 2015 12:18 PM
To: Olszewski, Rosemarie (DEQ)
Subject: EPA Establishes Safe Drinking Water Task Force to Provide Expertise to MDEQ and City of Flint

Contact Information: Anne Rowan, rowan.anne@epa.gov 312-353-9391

For Immediate Release No. 15-OPA160

EPA Establishes Safe Drinking Water Task Force to Provide Technical Expertise to MDEQ and City of Flint

Task Force providing technical assistance on reconnecting the Flint drinking water system to a new source

CHICAGO (October 16, 2015) - Today U.S. Environmental Protection Agency Region 5 Administrator Susan Hedman established the Flint Safe Drinking Water Task Force to provide the Agency's technical expertise through regular conversations with designated officials from Michigan Department of Environmental Quality (MDEQ) and the City of Flint. The Task Force will be led by the Region 5 Deputy Regional Administrator and will assist with developing and implementing a plan to secure water quality, including measures to optimize corrosion control. Task Force members will be available to consult with MDEQ and the City of Flint on site in Flint. The Task Force will also coordinate as necessary with federal, state and local public health agencies to assist with protection of public health.

Specifically, the Task Force will provide technical assistance to the MDEQ and the City of Flint to reconnect the Flint system to a new source of drinking water (to be supplied by the Great Lakes Water Authority) and to optimize corrosion control for the Flint system, starting in October 2015. The Task Force will also provide technical assistance to the MDEQ and the City of Flint, as needed, in advance of and following connection of the Flint water system to a new source of drinking water (to be supplied by the Karegnondi Water Authority) and to optimize corrosion control for the Flint system, starting in 2016.

"EPA is committed to working with our state and local partners to ensure a safe and reliable drinking water supply for the residents of Flint, Michigan," Hedman said. "The formation of this task force continues our commitment to providing technical assistance to the City of Flint and the State of Michigan."

The Task Force will be comprised of scientists and technical experts from the EPA Region 5 office in Chicago, the National Risk Management Research Lab in Cincinnati and the EPA drinking water program. In addition, EPA will ask the Governor to designate a MDEQ official and the Mayor of Flint to designate a city official to serve as points of contact for the Task Force.

From: Baird, Richard (GOV)
Sent: Sunday, January 03, 2016 1:55 PM
To: Holland, Meegan (GOV)
Subject: I see this as a transmittal note--not talking points
Attachments: Harvey talking points.docx; ATT00001.txt

To: Mayor Karen Weaver

From: Harvey Hollins

Governor Snyder and several members of his team do not believe we can wait for the necessary documentation for FEMA to act on any emergency declaration – and that an action plan should be fired up now by our State and Local entities and bring together agencies and stakeholders that need to communicate and coordinate more effectively regarding next steps and resources.

Our working draft title is the Flint Water Inter-Agency Coordinating Committee (FWIACC), and it would immediately address ways at every level to restore safe water and monitor/mitigate the effects of the lead.

In addition to Governor Snyder, the the key officials working on this blueprint were MSP Capt. Chris Kelenske, DHHS Chief Deputy Tim Becker, DHHS Director Nick Lyon, Rich Baird and myself. The need for engaged central coordination has also been recommended by the Governor's Flint Water After Action Task force of which Dr. Larry Reynolds is a member. Governor Snyder has endorsed this approach and he asked me to provide you with a draft copy in advance of your meeting January 7. If you agree, we will stand this entity up immediately, and he also plans to issue an executive order which will institutionalize the structure for the long term giving FWIACC authority to work on the issue.

As you know, there is a significant amount of work to be done before the Federal government will approve an emergency declaration under the Emergency Management Act. The FWIACC could begin its work immediately and would be in place to complement, not replace any action group ultimately formed by an emergency declaration. And we believe it would demonstrate how to best leverage essential support addressing manmade emergencies like this, since existing laws are more oriented toward natural disasters.

We brainstormed who should be included in this initial emergency response, with the idea that you and other stakeholders may have recommendations on others who need to be added.

You will note the organization chart and the proposal description is not a normal hierarchical entity. This is a collaborative, stakeholder driven action partnership. Chris and I would facilitate it, but it is a partnership of city, county and state viewpoints, and would include outside experts like Marc Edwards and Dr. Mona Hanna-Attisha.

All parties will be required to be transparent about their ideas and findings, agreeing to accountability measures and reporting on them on a regular basis.

Please let me know your thoughts on this approach and also other agenda items you wish to see on January 7. If you agree, we would also invite the interim DEQ director, Keith Creagh and the newly appointed spokesperson to meet you then.

From: Holland, Meegan (GOV)
Sent: Sunday, January 03, 2016 5:18 PM
To: Baird, Richard (GOV)
Subject: Fwd: DRAFT DOCUMENTS: For Mayor Weaver
Attachments: FWIACC cover letter.docx; ATT00001.htm; FWIACC document v2.docx; ATT00002.htm; DRAFT Coord Com Org Chart 233264.pptx; ATT00003.htm

I should've included you in this mailing. I sent them right before Lt. Gov. Calley weighed in, so his suggestion is not Incorporated. And it sounds like that's OK....?

Sent from my iPhone

Begin forwarded message:

From: "Holland, Meegan (GOV)" <HollandM2@michigan.gov>
Date: January 3, 2016 at 3:23:12 PM EST
To: "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
Subject: DRAFT DOCUMENTS: For Mayor Weaver

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397

PPI

Twitter: @meholland

January 3, 2016

To: Mayor Karen Weaver

From: Harvey Hollins

Governor Snyder and several members of his team are committed to acting now, with the State, City and County in partnership, and not wait on any federal action or determination on an emergency declaration. If a federal emergency declaration is issued, this will be part of the combined response effort and will help marshal more resources towards resolving the issues facing Flint. Right now though, the Governor wishes to immediately implement an action plan with State and Local entities and bring together agencies and stakeholders.

Our working draft title is the Flint Water Inter-Agency Coordinating Committee (FWIACC), and it would immediately address ways to restore safe water and monitor/mitigate the effects of the lead.

In addition to Governor Snyder, the key officials working on this blueprint were MSP Capt. Chris Kelenske, DHHS Chief Deputy Tim Becker, DHHS Director Nick Lyon, the Governor's Transformation Advisor Rich Baird and myself. The need for engaged central coordination has also been recommended by the Governor's Flint Water After-Action Task Force, of which Dr. Larry Reynolds is a member. Governor Snyder has endorsed this approach and has asked me to provide you with a draft copy in advance of your meeting with him on January 7. If you agree, we will organize this committee immediately, and the Governor will issue an executive order authorizing FWIACC to work on the issue for the long term .

As you know, there is a significant amount of work to be done before the Federal government will approve an emergency declaration under the Stafford Act. FWIACC could begin its work immediately and would be in place to complement, not replace any action group ultimately formed by an emergency declaration. And we believe it would demonstrate how to best leverage essential support addressing manmade emergencies like this, since existing laws are more oriented toward natural disasters.

We brainstormed who should be included in this initial emergency response, with the idea that you and other stakeholders may have recommendations on others who need to be added.

You will note the organization chart and the proposal description is not a normal hierarchical entity. This is a collaborative, stakeholder-driven partnership. Chris and I would facilitate it, but it is a partnership of city, county and state viewpoints, and would include outside experts like Marc Edwards and Dr. Mona Hanna-Attisha.

All parties will be required to be transparent about their ideas and findings, agreeing to accountability measures and reporting on them on a regular basis.

Please let me know your thoughts on this approach and also other agenda items you wish to see on January 7. If you agree, we would also invite the interim DEQ director, Keith Creagh, and the newly appointed spokesperson to meet you then.

DRAFT: A Proposal to Create the Flint Water Inter-Agency Coordinating Committee (FWIACC)

Statement of Need

To better coordinate resources and personnel and react with urgency, Harvey Hollins and MSP Capt. Chris Kelenske have been tasked with creating FWIACC, subject to the approval and endorsement by Flint Mayor Karen Weaver.

We are also recommending, by executive order, that Gov. Rick Snyder authorizes this committee to help restore safe water in Flint and coordinate efforts addressing health/behavioral consequences from lead ingestion.

This inter-agency group will fully engage with all stakeholders committed to solving Flint water issues. Equal partners. Equal leadership. Equal responsibility. Equal chance to be part of the solution to an important and not fully understood problem.

FWIACC will be facilitated by Hollins and Kelenske, who represent statewide resources and constituencies, with support from senior members of the Governor's office.

An overview of FWIACC's goals:

- Create a routine information process between all parties.
- Pursue other avenues of funding, including federal grants and legislative appropriations.
- Implement without delay any appropriate mechanisms that are called for in the Emergency Management Act or the Stafford Disaster Relief and Emergency Assistance Act. These may include local emergency operations plans and guides.

Action Plan

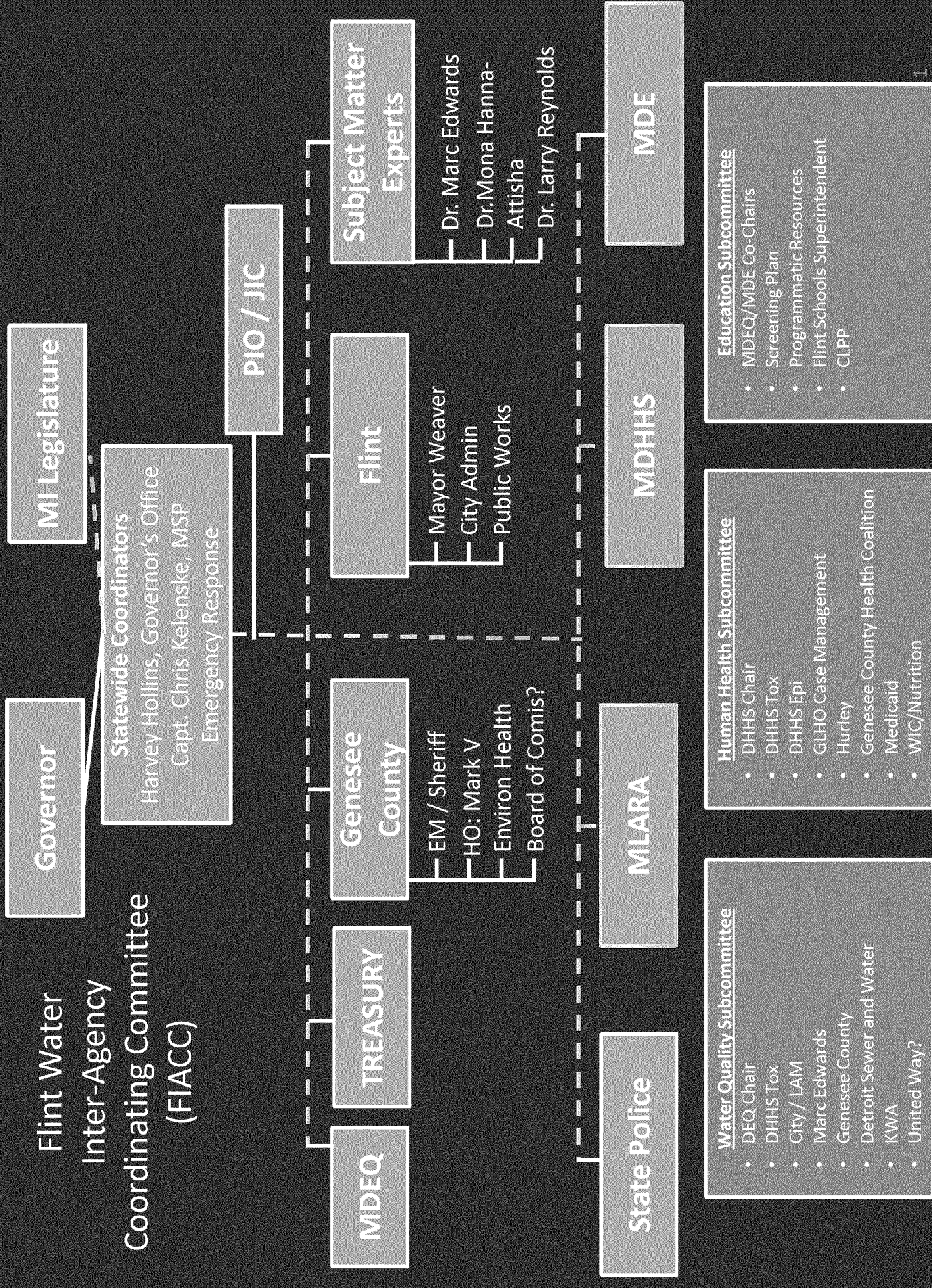
Immediately, FWIACC will:

1. Establish an interagency workgroup described in the attached organizational chart. It will be comprised of DHHS, MDEQ, MSP, Treasury, Genesee County, City of Flint, MDE, LARA and external subject matter experts (SMEs). Other entities may be added as needed. Personnel must be goal-oriented, transparent with findings, and able to accomplish FWIACC Incident Action Plan items created by the state in a timely manner. The FWIACC plan would be created with city, county, state and federal needs in mind.
2. Assemble staff with competencies in disaster/emergency planning, operations and finance as outlined under the National Incident Management System (NIMS). Staff will be accountable to the FWIACC leadership to track resource requests and document progress on the FWIACC incident action plan.
3. Utilize the National Incident Management System and Unified/Incident Command as appropriate.
4. Establish routine communications protocols at the operational, executive and legislative levels as determined appropriate.
5. Establish interagency workgroup objectives using the following as a starting point.

Interagency Workgroup Objectives

1. Determine and convey acceptable standards for potable water.
 - Identify needed remediation.
 - Convey the remediation plan objectives to all stakeholders and interested parties.
 - Create logistics for distributing water and filters, particularly to homebound citizens.
 - Implement the plan.
2. Determine health impacts for the impacted population.
 - Identify treatment methods, nutrition education and protocols for monitoring, neurodevelopmental screening, access to DBP specialists and psychologists/psychiatrists, expanded county services, etc.
 - Convey the treatment plan objectives to interested parties.
 - Implement the plan.
3. Establish a public information protocol to effectively inform the community.
 - Identify existing public information outlets within the city, county and state, including schools, churches and other formal and informal distribution networks.
 - Establish a Joint Information Center.
 - Provide for emergency alerts and updates.
 - Determine the process for approving official information before it's disseminated.
 - Convey to interested parties.
4. Assess the status of the infrastructure and determine feasible actions to upgrade the water system.
 - Determine current state of the infrastructure.
 - Develop priorities, costs and potential funding sources for infrastructure upgrades as part of a long term recovery plan.
 - Seek partners to assist (NGOs, Foundations, Business, etc.).
 - Implement the plan.

Flint Water Inter-Agency Coordinating Committee (FIACC)



Outline of Role and Responsibility—Harvey Hollins
Flint After Action Task Force and Local/County/State Coordination
Key Activities Draft

- I. Confirm key stakeholders that should convene on a regular basis to do the following:
 - a. Identify resources and support required to manage continued testing, cognitive assessment, updates on progress, impediments, community outreach, etc.
 - b. Assess delivery of resources protocols and adjust (door to door, neighborhood centers, etc.)
 - c. Agree a communications strategy within the stakeholder community and aggressively inform the residents of Flint of resources available and consequences of inaction.
- II. Create a short/medium and long term plan to capture roles and responsibilities at the local, county, state (and federal if appropriate) levels which will be reviewed and approved by the key stakeholder body.
- III. Be responsive to mayor, media, residents and all stakeholders about what currently is being done and how the way forward is being envisioned and agreed by stakeholder leadership.
- IV. Work to eliminate duplication of effort and ensure that members of the science community engaged in assessing and protecting the public health have unfettered access to data, reports, etc. and establish a mutually agreeable process to surface and resolve conflicting interpretations of data when it occurs.
- V. Coordinate with State departments (DHHS, DEQ, Executive Office) to secure funding needed and subject matter resources to ensure long term monitoring and remediation efforts.
- VI. Ensure that the recommendations of the After Action Task Force are executed.
- VII. Provide weekly status updates to Governor Snyder and members of his team charged with supporting the Chief Coordinator.
- VIII. Determine how what is being done in Flint is relevant to other communities and needs to be shared as part of a state wide strategy. This may also impact future policy development to address long term infrastructure remediation.

From: Hollins, Harvey (GOV)
Sent: Thursday, October 08, 2015 8:08 AM
To: Baird, Richard (GOV)
Cc: Agen, Jarrod (GOV); Biehl, Laura (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Subject: Re: URGENT review please -- Draft Flint water release

Listing names is going to be problematic since there are many firms that are engaged of which I am unaware:

1) Meijer and Clorox [WISH TO REMAIN ANONYMOUS]

2) GM

3) Flint Community Foundation

4) United Way of Flint

5) Absopure

6) Home Depot

7) UAW locals

8) Similac

9) A number of faith based organizations

10) Flint Food Bank

11) McClaren Hospital

12) Hurley Hospital

There are others that have contributed that I don't have information on.

It would be easier say something like, "I want to thank the number of people, organizations, philanthropic and corporations that have engaged to address the problem. They didn't point fingers and access blame, they saw the problem and contributed to solutions, and that action says something special about this state, we rally to help each other."

On Oct 7, 2015, at 7:12 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

I think this looks good but are we missing an opportunity to shout out all the entities that have stepped up to help? GM, Home Depot, etc. etc.?

If Harvey has the full list, perhaps it could even be attached as an addendum. The point is that a lot of people did come together to address the problem, including the private sector and various volunteer organizations. I think it says something special about this state rallying to help one of its cities.

Rich

Best,
Harvey Hollins III, Director
Governor's Office of Urban Initiatives

313.456.4994 (office)

PPI

Cell)

Begin forwarded message:

From: "Biehl, Laura (GOV)" <BiehlL@michigan.gov>
Date: October 7, 2015 at 6:46:28 PM EDT
To: "Murray, David (GOV)" <MurrayD1@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Heaton, Anna (GOV)" <HeatonA@michigan.gov>, "Kennedy, Jordan (GOV)" <KennedyJ4@michigan.gov>, "Brown, Jessica (GOV)" <BrownJ53@michigan.gov>, "Paciorek, Josh (GOV)" <PaciorekJ@michigan.gov>, "Lasher, GERALYN (DHHS)" <laserhg@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Posthumus, Dick (GOV)" <Posthumusd@michigan.gov>, "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Calley, Brian (GOV)" <[REDACTED]@michigan.gov>, "Forstner, Nathaniel (GOV)" <forstnern1@michigan.gov>
Subject: RE: URGENT review please -- Draft Flint water release

See new version attached. Small revisions made and placeholders added for Mayor and Mott Foundation Quotes.

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 6:12 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Paciorek, Josh (GOV) <PaciorekJ@michigan.gov>; Lasher, GERALYN (DHHS) <laserhg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Calley, Brian (GOV) <[REDACTED]@michigan.gov>; Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>
Subject: URGENT review please -- Draft Flint water release

Team,

Please review this draft press release for the Thursday announcement in Flint. This incorporates some suggested edits to the strong draft from DEQ earlier today.

Thank you very much.

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide a portion of the \$12 million needed to reconnect with the authority, with the Flint city government providing \$2 million and the Charles Stewart Mott Foundation donating \$4 million.

The Michigan Department of Health and Human Services and the Department of Environmental Quality today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead in water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations.

For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray

From: Murray, David (GOV)
Sent: Thursday, September 04, 2014 12:34 PM
To: Agen, Jarrod (GOV)
Subject: FW: protest of appearance by governor

Jarrod,

Is this one best left in the hands of the campaign?

From: Fonger, Ronald [<mailto:RFONGER1@mlive.com>]
Sent: Thursday, September 04, 2014 12:31 PM
To: Murray, David (GOV)
Subject: protest of appearance by governor

Hi Dave. I left a message for the Rick For Michigan group, which is hosting a campaign fundraiser in Flint Sept. 12. Flint Councilman Wantwaz Davis is asking residents to join him in a protest of water rates adopted by the emergency manager as well as the governor's role in the right to work and emergency manager laws in the state. Just checking to see if someone would like to comment for an advance that I'm writing today,
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Saxton, Thomas (Treasury)
Sent: Tuesday, September 15, 2015 10:48 AM
To: Muchmore, Dennis (GOV)
Cc: Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Roberts, John (DTMB); Wyant, Dan (DEQ); Lyon, Nick (DCH); Khouri, Nick (TREASURY); Workman, Wayne (TREASURY)
Subject: Flint
Attachments: Fwd: PRESS RELEASE: Coalition for Clean Water Lawsuit Dismissed by Circuit Court

Wayne & I have a call scheduled with the Mayor, City Atty, & the City Mgr @ 4:00 today. We are following up to see if in fact they inadvertently missed filing the appeal on the rate case. If so, in my mind that would be a huge, costly blunder (but that is why we are talking to them) which will greatly exacerbate the financial condition/solvency of the system.

And recall (not that long ago) I believe we gave them approx. \$2mm in SRF loan relief and approx. \$2mm in grant money[cgap?] to improve the system.

We are having staff look at possible other assistance from a financing or loan perspective. My sense is there will not be much there if any.

p.s. — the Flint coalition lawsuit was dismissed (see attached)

From: Muchmore, Dennis (GOV)
Sent: Tuesday, September 15, 2015 9:52 AM
To: Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Lyon, Nick (DCH) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Agen, Jarrod (GOV) <Agend@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Roberts, John (DTMB) <RobertsJ9@michigan.gov>
Subject: Flint

Nice of Dayne Walling to work with us before he called yesterday to tell me he was going to announce to City Council last night that Flint needs and deserves \$30M from the state for upgrades to their water system and a lead abatement program. Any thoughts on this?

From: Workman, Wayne (TREASURY)
Sent: Tuesday, September 15, 2015 9:58 AM
Subject: Fwd: PRESS RELEASE: Coalition for Clean Water Lawsuit Dismissed by Circuit Court
Attachments: Coalition for Clean Water Lawsuit Dismissed 9.14.15.pdf; ATT00001.htm

Sent from my iPad

Begin forwarded message:

From: Jason Lorenz <jlorenz@cityofflint.com>
Date: September 15, 2015 at 9:37:25 AM EDT
To: undisclosed-recipients;;
Subject: **PRESS RELEASE: Coalition for Clean Water Lawsuit Dismissed by Circuit Court**

For Immediate Release

Lawsuit against City of Flint brought by Coalition for Clean Water Dismissed by Circuit Court

Flint, Michigan – September 15, 2015 – The lawsuit brought against the City of Flint by the Coalition for Clean Water has been dismissed by Circuit Court Judge Archie Hayman. In his September 14 ruling, Judge Hayman determined that the plaintiff did not state a valid cause of action against the City of Flint, the Mayor and the City Administrator. Judge Hayman also determined that he did not have jurisdiction to provide the relief sought by the plaintiff. All counts of the Coalition's amended complaint were therefore dismissed.

The City of Flint has maintained communication with both the Michigan Department of Environmental Quality and the United States Environmental Protection Agency to ensure all proper safety and quality standards have been followed. The MDEQ recently notified Flint that it is no longer in violation of the Safe Water Drinking Act due to total trihalomethanes (TTHM) following four consecutive quarters of testing showing levels below the federal action level. The City of Flint will continue to work to ensure safe, quality and affordable drinking water to its residents, businesses and visitors.

The City of Flint will continue to provide updates on its water progress through its website, cityofflint.com. Anyone with water issues is encouraged to call 810-766-7202 so that they can be addressed. Residents wishing to receive a free and independent in-home water test can call 810-787-6537 or email flintwater@cityofflint.com.

—END—

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com



From: Clement, Elizabeth (GOV)
Sent: Tuesday, October 06, 2015 8:22 AM
To: Agen, Jarrod (GOV)
Cc: Scott, Allison (GOV); Muchmore, Dennis (GOV)
Subject: Re: Flint Water updates

Nick Lyon plays a part in all of this too with testing and filters etc. We will need his updates as well.

Sent from my iPad

> On Oct 6, 2015, at 8:20 AM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

>

> Update from Dan in briefing. Comms to also send update for briefing on stories or announcements upcoming. But Dan will have most accurate testing and analysis details to report.

>

>

>

>

>> On Oct 6, 2015, at 8:14 AM, Scott, Allison (GOV) <scotta12@michigan.gov> wrote:

>>

>> What is most effective accurate rout? Dan provided update for briefing each day or does Comms shop speak to DEQ Comms and provide?

>>

>> Sent from my iPhone

>>

>>> On Oct 6, 2015, at 8:05 AM, Snyder, Rick (GOV) < PPI > wrote:

>>>

>>> We need a better update system re Flint Water.

>>>

>>> I saw in the press this am that DHHS announced yesterday that water filters would start being given out today. This should have come internally with more detail. I had press questions last night.

>>>

>>> Overall, we should have a daily report on Flint until our recommendations are fully implemented.

>>>

>>> For example:

>>> 1. What are the water test results from the public schools?

>>> 2. How many free test have been requested? How many have been done? How many remain and how long have they been waiting? What are the results - no lead, lead consistent with history, higher levels?

>>> 3. How many filters have been distributed? How many unfulfilled requests?

>>> 4. New blood test results? Especially in the two zip codes.

>>> 5. Analysis of tech advisory group

>>> 6. Analysis of the GLWA vs. Flint River vs. KWA.

>>>

>>> Thanks

>>> Rick

>>>

>>> Sent from my iPad

From: Muchmore, Dennis (GOV)
Sent: Thursday, October 08, 2015 8:58 AM
To: Hollins, Harvey (GOV); Baird, Richard (GOV)
Cc: Agen, Jarrod (GOV); Biehl, Laura (GOV); Clement, Elizabeth (GOV)
Subject: RE: URGENT review please -- Draft Flint water release

If we list the names we'll undoubtedly miss someone. Great idea, but I don't think it will work. For instance, the kids in the Bay County districts are raising money for water purchases in the schools and you wouldn't want to leave them out. The Health Endowment Fund really doesn't deserve a lot of credit but they'll want it anyway, etc., etc.

From: Hollins, Harvey (GOV)
Sent: Thursday, October 8, 2015 8:08 AM
To: Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Biehl, Laura (GOV) <BiehIL@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>
Subject: Re: URGENT review please -- Draft Flint water release

Listing names is going to be problematic since there are many firms that are engaged of which I am unaware:

- 1) Meijer and Clorox [WISH TO REMAIN ANONYMOUS]
- 2) GM
- 3) Flint Community Foundation
- 4) United Way of Flint
- 5) Absopure
- 6) Home Depot
- 7) UAW locals
- 8) Similac
- 9) A number of faith based organizations
- 10) Flint Food Bank
- 11) McClaren Hospital
- 12) Hurley Hospital

There are others that have contributed that I don't have information on.

It would be easier say something like, "I want to thank the number of people, organizations, philanthropic and corporations that have engaged to address the problem. They didn't point fingers and access blame, they saw the problem and contributed to solutions, and that action says something special about this state, we rally to help each other."

On Oct 7, 2015, at 7:12 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

I think this looks good but are we missing an opportunity to shout out all the entities that have stepped up to help? GM, Home Depot, etc. etc.?

If Harvey has the full list, perhaps it could even be attached as an addendum. The point is that a lot of people did come together to address the problem, including the private sector and various volunteer organizations. I think it says something special about this state rallying to help one of its cities.

Rich

Best,
Harvey Hollins III, Director
Governor's Office of Urban Initiatives

313.456.4994 (office)

PPI Cell)

Begin forwarded message:

From: "Biehl, Laura (GOV)" <BiehlL@michigan.gov>
Date: October 7, 2015 at 6:46:28 PM EDT
To: "Murray, David (GOV)" <MurrayD1@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Heaton, Anna (GOV)" <HeatonA@michigan.gov>, "Kennedy, Jordan (GOV)" <KennedyJ4@michigan.gov>, "Brown, Jessica (GOV)" <BrownJ53@michigan.gov>, "Paciorek, Josh (GOV)" <Paciorekji@michigan.gov>, "Lasher, GERALYN (DHHS)" <lasherger@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Posthumus, Dick (GOV)" <Posthumusd@michigan.gov>, "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Calley, Brian (GOV)" <CalleyB@michigan.gov>, "Forstner, Nathaniel (GOV)" <forstnern1@michigan.gov>
Subject: RE: URGENT review please -- Draft Flint water release

See new version attached. Small revisions made and placeholders added for Mayor and Mott Foundation Quotes.

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 6:12 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Paciorek, Josh (GOV) <Paciorekji@michigan.gov>; Lasher, GERALYN (DHHS) <lasherger@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Calley, Brian (GOV) <CalleyB@michigan.gov>; **PPI** Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>
Subject: URGENT review please -- Draft Flint water release

Team,

Please review this draft press release for the Thursday announcement in Flint. This incorporates some suggested edits to the strong draft from DEQ earlier today.

Thank you very much.

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide a portion of the \$12 million needed to reconnect with the authority, with the Flint city government providing \$2 million and the Charles Stewart Mott Foundation donating \$4 million.

The Michigan Department of Health and Human Services and the Department of Environmental Quality today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some

households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead in water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations.

For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517.225.6203 office

PPI

mobile

Twitter: @michigandmurray

<151008 Flint water release_V2.docx>

From: Hollins, Harvey (GOV)
Sent: Monday, October 12, 2015 8:32 PM
To: Wurfel, Sara (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV)
Subject: Fwd: PRESS RELEASE: City Administrator Statement Regarding Rep. Phelps FOIA Request
Attachments: CA.RE.Phelps.10.12.15.pdf; ATT00001.htm

I don't think Natasha's statement is true ...

"The City of Flint is operating as permitted by the MDEQ..." It sounds like DEQ instructed them to do what they did.

Begin forwarded message:

From: Jason Lorenz <jlorenz@cityofflint.com>
Date: October 12, 2015 at 7:15:00 PM EDT
To: undisclosed-recipients;
Subject: **PRESS RELEASE: City Administrator Statement Regarding Rep. Phelps FOIA Request**

For Immediate Release

City Administrator Statement Regarding Rep. Phelps FOIA Request

Flint, Michigan – October 12, 2015 – The following statement is in response to remarks from Representative Phil Phelps regarding his recent Freedom of Information Act request of the City of Flint.

"The City of Flint is operating as permitted by the MDEQ, however the specific documents requested by Rep. Phelps do not exist. As the City's full-time back up water source during the previous contract with DWSD, the Flint River was already an approved drinking water source. This issue could be as simple as a miscommunication on what was sought by Rep. Phelps and the City is willing to meet with his office to clarify and provide more information."

-Natasha L. Henderson
City Administrator, City of Flint

-END
-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com



From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 8:35 AM
To: Agen, Jarrod (GOV)
Subject: RE: Dr. Lawrence Reynolds, Flint After Action

Is this the actual name of the group?

Flint Water After Action Report Commission

From: Agen, Jarrod (GOV)
Sent: Wednesday, October 21, 2015 8:32 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Dr. Lawrence Reynolds, Flint After Action

sure

On Oct 21, 2015, at 8:31 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Will do. 10 enough?

From: Agen, Jarrod (GOV)
Sent: Wednesday, October 21, 2015 8:31 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Dr. Lawrence Reynolds, Flint After Action

bring copies of release to the 9am

On Oct 21, 2015, at 7:50 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Will do!

Sent from my iPhone

On Oct 21, 2015, at 7:49 AM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

We need to add him to press release.
Can one of you do first thing this morning.

Begin forwarded message:

From: "Snyder, Rick (GOV)"
<[PPI](#)>

Date: October 20, 2015 at 7:42:28 PM EDT

To: "Calley, Brian (GOV)"

<[REDACTED] PPI [REDACTED]>

Cc: "Agen, Jarrod (GOV)"

<AgenJ@michigan.gov>, "Clement, Elizabeth

(GOV)" <clemente@michigan.gov>, "Scott,

Allison (GOV)" <scottal2@michigan.gov>,

"Muchmore, Dennis (GOV)"

<muchmored@michigan.gov>

Subject: Re: Dr. Lawrence Reynolds, Flint After Action

Sounds like a great addition.

Thanks

Rick

On Oct 20, 2015, at 6:19 PM, Calley, Brian (GOV)

<[REDACTED] PPI [REDACTED]> wrote:

I really like that option.

On Oct 20, 2015, at 5:55 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

Rich connected with Dr. Lawrence Reynolds from Flint to join our After Action team. He's been a long time pediatrician in Flint. Well respected in the community. He was affiliated with Mott Children Health Center for several years, but is listed as affiliated with Hurley now. His background looks excellent. He is able to join via phone tomorrow morning. Let me know if any concerns. He was suggested by Harvey and vetted by Rich.

Old bio from 2012 here:

<https://cfaf.org/cfaf/ta-bld/394/itemId/222/Dr->

Lawrence-Reynolds-
Honored-by-CFGF.aspx

Current Listing:

[http://health.usnews.c
om/doctors/lawrence-
reynolds-455776](http://health.usnews.com/doctors/lawrence-reynolds-455776)

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 9:55 AM
To: Muchmore, Dennis (GOV)
Subject: RE: state money for detroit water

I can – but I need to have the facts and details first. This whole issue is one that we cannot afford to be wrong on.

From: Muchmore, Dennis (GOV)
Sent: Thursday, October 22, 2015 9:47 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: RE: state money for detroit water

Push back hard on this. Natasha Henderson is becoming a liability.

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 9:35 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: state money for detroit water
Importance: High

Please see below.

No good deed goes unpunished. This looks like may be next big issue.

I thought GLWA-DWSD was NOT going to require the entire sum all up front?

From: Ronald Fonger [<mailto:RFONGER1@mlive.com>]
Sent: Thursday, October 22, 2015 9:28 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: state money for detroit water

Sara:
I was at a City Council meeting last night when Flint City Administrator Natasha Henderson said the state has only wired Flint \$2 million of the \$6 million approved by the state Legislature.
She said the city has been told it will receive an additional \$2 million in January and another \$2 million in April.
Henderson said she's asked that the money be sent immediately because the city was required to pay Detroit the entire \$12 million upfront, before the water was reconnected, and its water and sewer fund balance has dropped significantly as a result.
Several council members also spoke about this, and Council President Josh Freeman called the payment plant "beyond ridiculous" given the city's financial position.
Is there someone who can talk to us about this?
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502

From: Muchmore, Dennis (GOV)
Sent: Friday, November 06, 2015 11:40 AM
To: Agen, Jarrod (GOV)
Subject: Fwd: PRESS RELEASE: Flint Water Optimization Approved
Attachments: Corrosion Control Plan Approved 2015.pdf; ATT00001.htm

Not very flattering

Sent from my iPhone

Begin forwarded message:

From: Jason Lorenz <jlorenz@cityofflint.com>
Date: November 5, 2015 at 4:04:52 PM EST
To: undisclosed-recipients;;
Subject: **PRESS RELEASE: Flint Water Optimization Approved**

For Immediate Release

Flint Water Optimization Plan for Additional Corrosion Control Approved by MDEQ

Flint, Michigan – November 05, 2015 – The City of Flint’s Department of Public Works (DPW) has received approval from the Michigan Department of Environmental Quality (MDEQ) for its plan to introduce additional corrosion control agents to water it buys from Detroit. It is expected that the additional corrosion control agents will further reduce the damage caused to water mains and service lines by water corrosion. While using the Flint River as a water source, the City was not required to use corrosion control as part of its Water Optimization Plan. That decision led to accelerated damage to underground pipes due to the corrosiveness of Flint River water.

“We are trying to reverse the effects of the more corrosive river water and better protect our underground infrastructure from deteriorating, and in turn protect our families and our children from exposure to metals such as lead and copper,” said DPW Director Howard Croft. Older houses built before 1986 have the likelihood of having plumbing and services lines containing lead and copper.

Last month Flint resumed buying treated water from Detroit after it was learned that elevated levels of lead had been found in children living in the City. Flint also worked with local aid agencies to provide water tap mounted filters to every water customer in the City. Tests on water hardness throughout the City have confirmed that Detroit water has made its way to every customer.

—END—

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com



From: Workman, Wayne (TREASURY)
Sent: Tuesday, November 10, 2015 5:01 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV)
Cc: Saxton, Thomas (Treasury)
Subject: FW: Article
Attachments: American City and County.pdf

FYI, We had a productive first meeting with Mayor Weaver of Flint today. We hear lots of second hand rumors but are proceeding to aggressively assist the City and Mayor with this transition. Let me know if you would like any more information.

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Workman, Wayne (TREASURY)
Sent: Tuesday, November 10, 2015 4:52 PM
To: 'kweaver@cityofflint.com' <kweaver@cityofflint.com>
Cc: Byrne, Randall (Treasury) <ByrneR1@michigan.gov>
Subject: FW: Article

Mayor Weaver, Thank you again for coming to Lansing for our meeting. It was very good to welcome you and begin what will be a productive working relationship. Attached is the article on water in the US I mentioned. I expect we will be talking early next week. In the meantime, please do not hesitate to call me. Thank you, Wayne

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Saxton, Thomas (Treasury)
Sent: Tuesday, November 10, 2015 11:11 AM
To: Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>
Cc: Byrne, Randall (Treasury) <ByrneR1@michigan.gov>; Sampson, Jeremy (TREASURY) <SampsonJ@michigan.gov>
Subject: FW: Article

From: Pleyte, Beth (Treasury)
Sent: Monday, November 09, 2015 4:27 PM
To: Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>
Subject: Article

Beth Pleyle

Executive Assistant to
Tom Saxton, Chief Deputy Treasurer

430 West Allegan St.
Lansing, MI 48922
517-335-4765 Direct
517-373-3223 Office

From: Murray, David (GOV)
Sent: Thursday, December 03, 2015 11:27 AM
To: Agen, Jarrod (GOV)
Subject: Fwd: Flint EBL Release & Documents
Attachments: Flint EBL Data Press Release V9.docx; ATT00001.htm; Comms Plan - Flint EBL Data Summary 12315.docx; ATT00002.htm; Flint Blood Lead Level Summary Report Dec.pdf; ATT00003.htm

Are you OK with DHHS issuing this today? Do we need more time for the governor to review?

It appears they accepted the changes Meegan and I suggested. I'll take a close review now.

Not Responsive

Begin forwarded message:

From: "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>
Date: December 3, 2015 at 11:18:14 AM EST
To: "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Murray, David (GOV)" <MurrayD1@michigan.gov>, "Wyant, Dan (DEQ)" <WyantD@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>, "Lyon, Nick (DHHS)" <LyonN2@michigan.gov>, "Becker, Timothy (DHHS)" <beckert1@michigan.gov>, "Lasher, GERALYN (DHHS)" <lasherg@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Kennedy, Jordan (GOV)" <KennedyJ4@michigan.gov>, "Grijalva, Nancy (DHHS)" <GrijalvaN@michigan.gov>, "Granger, Patricia (DHHS)" <GrangerP@michigan.gov>
Subject: Flint EBL Release & Documents

Good morning, all:

Attached for your review please find the updated press release, communications plan and December summary report regarding elevated blood lead levels in Flint. We are planning to issue the release and post the report today at 2 p.m.

Yesterday, Dave sent over a two questions from the governor. Our team has provided the following responses:

Do the elevated lead levels stick with a person for life?

We do see blood lead levels decrease after education takes place and exposure to lead sources is reduced. The purpose of screening children for lead is to identify those with elevated levels. Removing potential sources of lead exposure and ensuring proper nutrition and healthcare leads to decreases in blood lead levels in follow-up testing, which is an important part of case management. Lead has a half-life in blood of approximately 25 days; in soft tissue, about 40 days; and in the non-labile portion of bone, more than 25 years.

Why do the lead levels spike on a seasonal basis?

When reviewing historical trend data, the risk of lead exposure is highest during the third quarter of each year – July through September. Seasonal variation is the result of a number of factors including increased exposure to lead in dust and soil in the summer months.

The notifications will be timed as follows:

1:30 p.m.

- Send final embargoed release and summary report to:
 - Genesee County Health Department – Geralyn Lasher
 - Dr. Mona Hannah-Attisha – Geralyn Lasher
 - Task Force Members – Geralyn Lasher
 - City of Flint Mayor's Office – Geralyn Lasher
 - Congress and legislature – Elizabeth Hertel

2 p.m.

- Issue press release and summary report
- Post press release and summary report to MDHHS website newsroom and Flint Water website, www.michigan.gov/flintwater

Please let me know if you have any additional questions, edits or concerns.

Thank you,

Jennifer Eisner

Public Information Officer

Michigan Department of Health and Human Services

Office: 517-241-2112 or EisnerJ@michigan.gov

Cell: PPI



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
December 3, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases latest data outlining blood lead levels in Flint
Follow-up care, case management resources continue for families

LANSING, Mich. – Preliminary data indicates that 30 of 1,361 adults and children tested in Flint since October 1 had elevated blood lead levels, according to a report issued today by the Michigan Department of Health and Human Services.

This marks the first summary report on lead testing called for in the state's action plan related to health concerns about Flint's water infrastructure.

"Our goal is to help families reduce their exposure to lead sources," said Dr. Eden Wells, MDHHS chief medical executive. "We have made progress in testing and identifying those with elevated blood lead levels, and the department will continue to work closely with the Genesee County Health Department to reach these families. We will remain diligent in our ongoing outreach and education efforts."

Information comes from tests administered citywide to 1,361 children and adults since October 1. Tests showed that 21 of 969 children age 17 or younger and 9 of 392 adults over the age 18 were identified with elevated blood lead levels.

The report covers test results reported to MDHHS since the state action plan was put in place Oct. 2. It includes the number of tests and number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests that have been reported to MDHHS since the beginning of October. People who have had multiple tests are counted only once. Five micrograms per deciliter is the level that the Centers for Disease Control and Prevention considers elevated and triggers health care professional follow up with families.

The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

When reviewing historical trend data, the risk of lead exposure is highest during the third quarter of each year – July through September. Seasonal variation is the result of a number of factors including increased exposure to lead in dust and soil in the summer months.

In the third quarter of 2010, 8.3 percent of Flint children 6 and under showed elevated blood lead levels. The figure gradually decreased to 4.1 percent in the third quarter of 2013. During the same months in 2014, the figure increased to 7.5 percent and decreased to 6.4 percent in the third quarter of 2015.

– MORE –

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letters to Flint parents regarding lead testing. The state is providing funding for GCHD nurses to work with families when an elevated blood lead level has been detected. During these follow-up visits, nurses coordinate with environmental health investigators to meet with families in their homes to identify lead exposures, address questions and provide water filters. People can be exposed to lead from paint, soil, plumbing and other sources.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional video on its [YouTube channel](#). For updates, visit www.michigan.gov/flintwater.

#

From: Murray, David (GOV)
Sent: Friday, December 11, 2015 2:11 PM
To: Agen, Jarrod (GOV)
Subject: FW: Flint EBL Report Press Release
Attachments: Flint Blood Testing Report December 11.pdf; Flint EBL Data Press Release Dec. 11.docx

You OK with DHHS issuing this release? Not a great deal of change from the last one, and they've included the background I asked for.

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter: @michigandmurray



From: Eisner, Jennifer (DHHS)
Sent: Friday, December 11, 2015 2:08 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: Flint EBL Report Press Release

Hello! I hate to nag, but any word on this? Are we okay to send?

Jennifer Eisner

Public Information Officer

Michigan Department of Health and Human Services

Office: 517-241-2112 or EisnerJ@michigan.gov

Cell: PPI

From: Eisner, Jennifer (DHHS)
Sent: Friday, December 11, 2015 11:32 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Cc: Lasher, GERALYN (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>
Subject: Flint EBL Report Press Release

Team Gov:

Attached please find the second blood lead level summary report for Flint and the corresponding press release. With it being Friday, we would like to get this out as soon as possible – ideally at or before 1 p.m.

Please let me know if you have any concerns.

Best,

Jennifer Eisner

Public Information Officer

Michigan Department of Health and Human Services

Office: 517-241-2112 or EisnerJ@michigan.gov

Cell: PPI



Michigan Department of Health and Human Services (MDHHS)

Blood Lead Level Test Results for Flint Zip Codes 48501-48507

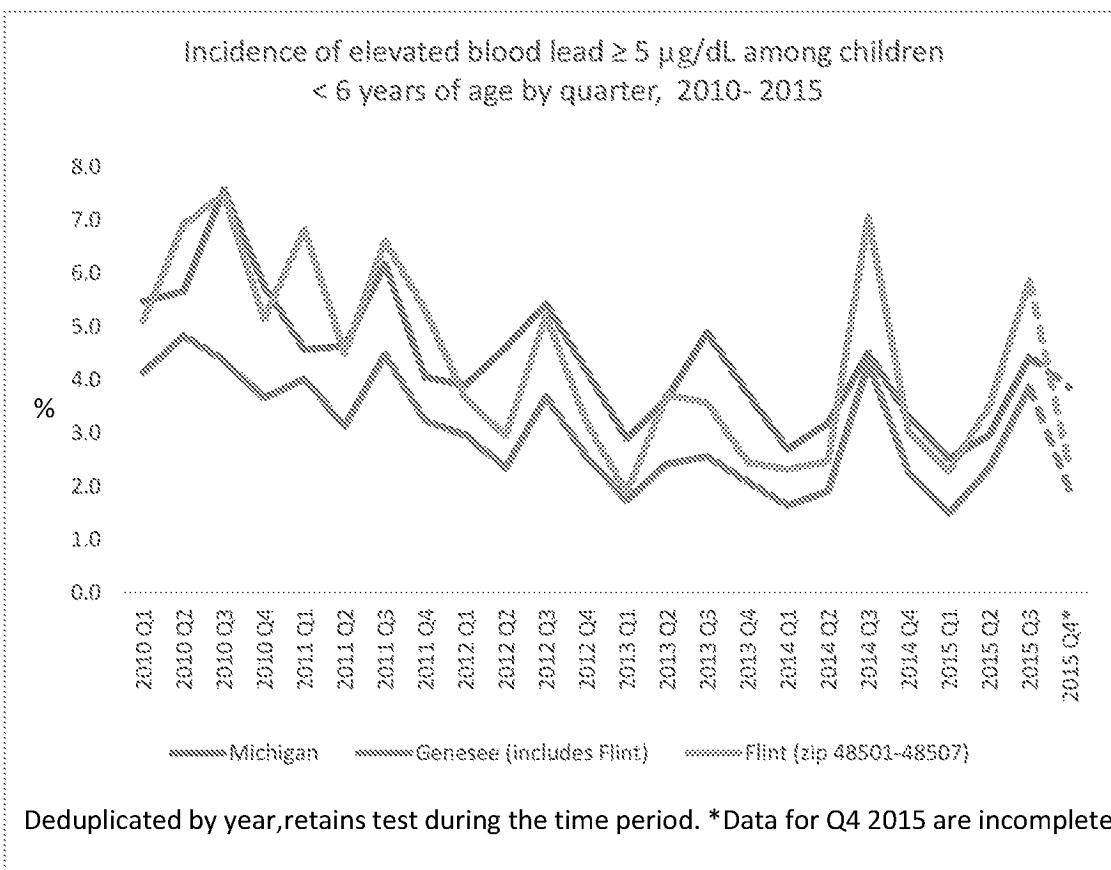
Genesee County, and the State of Michigan

Summary as of December 4, 2015

Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once per year.
- Since 10/1/2015, an additional 1,836 people have been tested in Flint.
- Continued testing efforts by Genesee County Health Department, MDHHS and local medical personnel have identified 27 children with blood lead levels greater than or equal to 5µg/dL (micrograms per deciliter) since 10/1/2015.
- 2.4 percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5µg/dL.
- Additional testing is ongoing. Counts will vary as new results are added.



* Data for Quarter 4 of 2015 are incomplete and subject to change

	Children younger than 6 Years Old			Children 6 to 17 Years Old		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	152,608	6,932	3,560	17,963	867	463
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2010 to 12/31/10:	9,509	298	222	907	25	20
Total tested for lead from 1/1/2011 to 12/31/2011:	149,420	6,667	3,093	15,725	1,038	544
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2011 to 12/31/11:	7,392	250	180	651	20	15
Total tested for lead 1/1/2012 to 12/31/2012:	146,142	7,008	3,112	15,460	1,386	630
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2012 to 12/31/12:	6,704	206	127	478	17	12
Total tested for lead 1/1/2013 to 12/31/2013:	145,813	6,986	3,077	13,897	1,241	566
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2013 to 12/31/13:	5,647	156	95	342	9	4
Total tested for lead 1/1/2014 to 12/31/2014:	141,355	6,690	3,045	12,936	913	428
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2014 to 12/31/14:	4,948	178	122	386	6	5
Total tested for lead 1/1/2015 to 11/13/2015:	127,535	6,178	2,931	11,548	1,352	881
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2015 to 11/13/2015:	4,426	153	104	322	13	10
Total tested for lead 10/1/2015 to 11/13/2015:	22,062	1,389	806	2,127	658	525
Number of test results $\geq 5\mu\text{g/dL}$ 10/1/2015 to 11/13/2015:	851	27	19	52	10	8

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Adults 18 Years and Older			Total Number of People of All Ages Tested		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	13,853	602	195	184,424	8,401	4,218
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2010 to 12/31/10:	1,462	42	18	11,878	365	260
Total tested for lead 1/1/2011 to 12/31/2011:	13,259	542	139	178,404	8,247	2,726
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2011 to 12/31/11:	1,369	44	16	9,412	314	211
Total tested for lead 1/1/2012 to 12/31/2012:	13,059	556	155	174,661	8,950	3,907
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2012 to 12/31/12:	1,415	33	11	8,597	256	150
Total tested for lead 1/1/2013 to 12/31/2013:	12,199	498	136	171,909	8,725	3,779
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2013 to 12/31/13:	1,499	54	16	7,488	219	115
Total tested for lead 1/1/2014 to 12/31/2014:	12,684	441	112	166,975	8,044	3,585
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2014 to 12/31/14:	1,422	44	12	6,756	228	139
Total tested for lead 1/1/2015 to 11/13/2015:	12,509	1,022	639	151,592	8,552	4,451
Number of test results $\geq 5\mu\text{g/dL}$ 1/1/2015 to 11/13/2015:	1,279	41	18	6,027	207	132
Total tested for lead 10/1/2015 to 11/13/2015:	2,513	648	505	26,702	2,695	1,836
Number of test results $\geq 5\mu\text{g/dL}$ 10/1/2015 to 11/13/2015:	262	17	12	1,165	54	39

** Data for Quarter 4 of 2015 are incomplete and subject to change*



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
December 11, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases latest round of Flint blood lead level data

LANSING, Mich. – The Michigan Department of Health and Human Services today issued its newest summary report on lead testing in Flint. According to preliminary data, 39 of 1,836 adults and children tested had elevated blood lead levels since Oct. 1.

“As testing continues, our focus remains on helping families reduce all potential exposures to lead,” said Dr. Eden Wells, MDHHS chief medical executive. “We are working closely with the Genesee County Health Department to provide information and offer tools in the community, and encourage families to explore the resources that are available to them.”

Both capillary and venous blood tests are included in the report, and people who have had multiple tests are counted only once. Tests and their results cover the time since the state action plan was put in place on Oct. 2, and capture the number of elevated blood lead levels greater than 5 micrograms per deciliter.

MDHHS is working closely with local partners to offer resources and distribute important lead testing and prevention information. Additional state funding has allowed for Genesee County Health Department (GCHD) nurses to work with families when an elevated blood lead level is detected. These families can also choose to have the nurse coordinate an environmental health investigation in their home to identify lead exposures, which could be lead from paint, soil, plumbing, and other sources.

To support these efforts, the state is coordinating with its Medicaid health plans and provider communities on enhanced screening and testing. In addition to mandated testing at ages one and two for the Medicaid population, MDHHS has recommended blood lead testing for any child younger than six years of age in Flint who has not previously been tested. The state, in coordination with GCHD, developed and issued a Health Alert Network (HAN) notification for local providers to help ensure consistent messaging and protocols among primary care providers.

Free water filters and replacement cartridges are still available to Flint residents. For a full list of locations and hours of distribution, or to view the full blood lead level report, visit www.michigan.gov/flintwater. The summary will be updated as more data becomes available.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional video on its [YouTube channel](#). For this and other updates, visit www.michigan.gov/flintwater.

###

From: Workman, Wayne (TREASURY)
Sent: Tuesday, December 15, 2015 10:32 AM
To: Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Stanton, Terry A. (Treasury); Sampson, Jeremy (TREASURY); Agen, Jarrod (GOV); Wurfel, Brad (DEQ)
Subject: FW: PRESS RELEASE- STATE OF EMERGENCY DECLARED
Attachments: STATE OF EMERGENCY DECLARATION.pdf

FYI

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Byrne, Randall (Treasury)
Sent: Tuesday, December 15, 2015 9:50 AM
To: Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Schafer, Suzanne K. (Treasury) <SchaferS7@michigan.gov>
Subject: FW: PRESS RELEASE- STATE OF EMERGENCY DECLARED

Wayne and Suzanne:

Mayor Weaver declared a State of Emergency in Flint last night. I have attached a copy for your review. Natasha tried to discourage her from proceeding on this. FYI, I am going to call the Mayor on the search. It doesn't sound like she wants to use Tom for the search.

Randy,

From: Natasha Henderson [<mailto:nhenderson@cityofflint.com>]
Sent: Tuesday, December 15, 2015 9:40 AM
To: Byrne, Randall (Treasury) <ByrneR1@michigan.gov>
Subject: Fwd: PRESS RELEASE- STATE OF EMERGENCY DECLARED

Thanks,

Natasha L. Henderson, City Administrator
1101 S. Saginaw St.
Flint, MI
Email: nhenderson@cityofflint.com
Phone: (810) 237-2057
www.cityofflint.com

----- Forwarded message -----

From: "Sean Kammer" <skammer@cityofflint.com>
Date: Dec 14, 2015 10:32 PM
Subject: PRESS RELEASE- STATE OF EMERGENCY DECLARED

To:

Cc:

Mayor Karen Weaver Declares State of Emergency

Flint, MI – December 14, 2015 – Mayor Karen Weaver has declared a State of Emergency in response to a man-made disaster caused by the City switching to the Flint River as a water source. This switch has resulted in elevated lead levels in drinking water which prompted both the City and the County Health department to issue a health advisory earlier this year.

Mayor Weaver states that this was one of the things she had promised to do while campaigning for mayor.

Declaring an emergency intends to help raise awareness of the issue that the water is still not safe to drink and activates the City's Emergency Support Plan in order to respond to the crisis.

On October 16 of this year, the City switched back to the Detroit Water and Sewerage Department as the source of water, however lead levels remain well above the federal action level of 15 parts per billion in many homes. Residents are advised to continue using water filters while long term solutions are being developed.

The Mayor will hold a press conference about the State of Emergency on Tuesday, December 15 at 2pm at City Hall.

END

--

Sean Kenneth Kammer, MPA
Assistant to the City Administrator
City of Flint, Michigan
1101 S. Saginaw St.
Flint, MI 48502
810-237-2025



Sean Kammer
810-237-2025
skammer@cityofflint.com

For Immediate Release

Mayor Karen Weaver Declares State of Emergency

Flint, MI – December 14, 2015 – Mayor Karen Weaver has declared a State of Emergency in response to a man-made disaster caused by the City switching to the Flint River as a water source. This switch has resulted in elevated lead levels in drinking water which prompted both the City and the County Health department to issue a health advisory earlier this year.

Mayor Weaver states that this was one of the things she had promised to do while campaigning for mayor.

Declaring an emergency intends to help raise awareness of the issue that the water is still not safe to drink and activates the City's Emergency Support Plan in order to respond to the crisis.

On October 16 of this year, the City switched back to the Detroit Water and Sewerage Department as the source of water, however lead levels remain well above the federal action level of 15 parts per billion in many homes. Residents are advised to continue using water filters while long term solutions are being developed.

The Mayor will hold a press conference about the State of Emergency on Tuesday, December 15 at 2pm at City Hall.

-END-

From: Muchmore, Dennis (GOV)
Sent: Tuesday, December 15, 2015 12:12 PM
To: Workman, Wayne (TREASURY); Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Stanton, Terry A. (Treasury); Sampson, Jeremy (TREASURY); Agen, Jarrod (GOV); Wurfel, Brad (DEQ)
Subject: RE: PRESS RELEASE- STATE OF EMERGENCY DECLARED

With the declaration apparently the Mayor is appealing for Fed help to Cong. Kildee. That seems reasonable.

From: Workman, Wayne (TREASURY)
Sent: Tuesday, December 15, 2015 10:32 AM
To: Khouri, Nick (TREASURY) <Khourin@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Sampson, Jeremy (TREASURY) <SampsonJ@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
Subject: FW: PRESS RELEASE- STATE OF EMERGENCY DECLARED

FYI

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Byrne, Randall (Treasury)
Sent: Tuesday, December 15, 2015 9:50 AM
To: Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Schafer, Suzanne K. (Treasury) <SchaferS7@michigan.gov>
Subject: FW: PRESS RELEASE- STATE OF EMERGENCY DECLARED

Wayne and Suzanne:

Mayor Weaver declared a State of Emergency in Flint last night. I have attached a copy for your review. Natasha tried to discourage her from proceeding on this. FYI, I am going to call the Mayor on the search. It doesn't sound like she wants to use Tom for the search.

Randy,

From: Natasha Henderson [<mailto:nhenderson@cityofflint.com>]
Sent: Tuesday, December 15, 2015 9:40 AM
To: Byrne, Randall (Treasury) <ByrneR1@michigan.gov>
Subject: Fwd: PRESS RELEASE- STATE OF EMERGENCY DECLARED

Thanks,

Natasha L. Henderson, City Administrator
1101 S. Saginaw St.
Flint, MI
Email: nhenderson@cityofflint.com
Phone: (810) 237-2057
www.cityofflint.com

----- Forwarded message -----

From: "Sean Kammer" <skammer@cityofflint.com>
Date: Dec 14, 2015 10:32 PM
Subject: PRESS RELEASE- STATE OF EMERGENCY DECLARED
To:
Cc:

Mayor Karen Weaver Declares State of Emergency

Flint, MI – December 14, 2015 – Mayor Karen Weaver has declared a State of Emergency in response to a man-made disaster caused by the City switching to the Flint River as a water source. This switch has resulted in elevated lead levels in drinking water which prompted both the City and the County Health department to issue a health advisory earlier this year.

Mayor Weaver states that this was one of the things she had promised to do while campaigning for mayor.

Declaring an emergency intends to help raise awareness of the issue that the water is still not safe to drink and activates the City's Emergency Support Plan in order to respond to the crisis.

On October 16 of this year, the City switched back to the Detroit Water and Sewerage Department as the source of water, however lead levels remain well above the federal action level of 15 parts per billion in many homes. Residents are advised to continue using water filters while long term solutions are being developed.

The Mayor will hold a press conference about the State of Emergency on Tuesday, December 15 at 2pm at City Hall.

END

--

Sean Kenneth Kammer, MPA
Assistant to the City Administrator
City of Flint, Michigan
1101 S. Saginaw St.
Flint, MI 48502
810-237-2025

From: Holland, Meegan (GOV)
Sent: Thursday, December 24, 2015 12:03 PM
To: Baird, Richard (GOV); Agen, Jarrod (GOV)
Subject: Jim Redford suggestion

Jim said he's going to review the statement over the holiday, but immediately he asked that I make the following change (in bold) below. I've also cut the line about "the safest drinking water in the nation." I'll keep tweaking so it's ready for Tuesday. I just want to make sure the Governor gets the correct statement and not an old iteration. - Meegan

"I've been briefed on the recent meeting of the task force studying the Flint water situation and I've read the report from the Office of the Auditor General on the processes used by DEQ to monitor Flint water.

"The bi-partisan task force has worked tirelessly to interview Flint, Genesee County, state and federal officials to complete its independent analysis. They are reviewing hundreds of documents at all levels of government and from the public health science community.

"I'd like to thank the task force for keeping me apprised of their continuing investigation. As they uncover more facts, it's clear to me we can do better. Their report may take another month or so, but if we need to make changes more swiftly, I plan to take immediate action.

"No matter what the testing requirements were, they were not enough to prevent this crisis.

"When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens. *I understand there can be disagreements within the scientific community. That is why I have told my directors at MDEQ and DHHS to invite every external scientist who has worked on the Flint water issue to the state laboratory facilities to work as partners with us. Together, we should be able to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of blood levels and other health impacts over the long term.*

"I want the Flint community and all citizens of Michigan to know how very sorry I am that this has happened.

"But I know an apology isn't enough. We've already allocated \$10 million to test the water, distribute water filters, and help in other ways. On Thursday, I called Flint Mayor Karen Weaver, and we're going to sit down in the next week to discuss other ways the state can offer assistance.

"What happened in Flint is inexcusable. I want to assure residents there that we will work hard to make things right."

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

From: Agen, Jarrod (GOV)
Sent: Friday, February 06, 2015 3:59 PM
To: Muchmore, Dennis (GOV); Baird, Richard (GOV); Clement, Elizabeth (GOV)
Subject: FW: Flint Water

Heads up --- given all the good coverage we got from our Flint water event earlier this week, this seems like an attempt to throw us back under the bus and draw more controversy/publicity to the water issue. I would advise we stir very clear of this event or helping to orchestrate it.

From: Kelly Rossman-McKinney [<mailto:krossman@truscottrossman.com>]
Sent: Friday, February 06, 2015 3:22 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

Dave & Harvey: We are working with Veolia North America, the water consulting team Flint has hired to "assess the situation." We're planning to hold a media roundtable with city officials on Tuesday to introduce the Veolia team to local reporters. Gerry Ambrose suggested we invite some of the folks you invited to attend the newser earlier this week. Is that a list you can share with me or would it be better for the invite to come from you or the EM directly? I don't have a specific time yet but can provide that information for you when it is available. What do you think?

Kelly

PS I forgot to say thanks!!!!



Kelly Rossman-McKinney
CEO
Truscott Roseman • truscottrossman.com
Boji Tower • 124 W. Allegan St., Ste. 800 • Lansing, MI 48933
200 Renaissance Center, Ste. 3160 • Detroit, MI 48243
125 Ottawa Ave. N.W., Ste 235 • Grand Rapids, MI 49503

Cell: PPI
Office: (517) 487-9320
Fax: (517) 487-5080

From: Agen, Jarrod (GOV)
Sent: Thursday, October 01, 2015 10:47 AM
To: Wurfel, Sara (GOV)
Cc: Clement, Elizabeth (GOV)
Subject: Re: Flint

Question from the G:

Can we definitively say that no WATER tests have ever shown levels that are above the Federal/EPA standards?

I think Dan alluded to this in the meeting when he said we were testing at 11 and the federal mark is 15 or above. But Gov wants to know if we can make the claim above.

> On Oct 1, 2015, at 9:06 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

>

> Not yet, but hopefully will be. Think got Dennis and Harvey on same page about tying in other HHS/Hurley news to part of action plan on Friday's announcement. DEQ and DHHS teams trying to finalize policy and messaging drafts now for review. 1:30 p.m. mtg to walk through details and see where at.

>

> Also - heads up and FYI - we just had a major protocol and near security breach with WJRT TV 12 getting up to 2nd floor without our knowledge or escort. Apparently DK Security and other EO team thought they were part of pastors meeting happening. (Apparently invited by the pastors). That's caused some excitement have been dealing with. They're on our comms floor now - doing a stand up with them and letting them catch pastors after meeting outside.

>

> -----Original Message-----

> From: Agen, Jarrod (GOV)

> Sent: Thursday, October 01, 2015 9:46 AM

> To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>

> Subject: Flint

>

> Are we good on plan to discuss lead levels tomorrow?

> If you need me to chime in, let me know....

>

> If you have any messaging that you want G to review on the plane, just shoot it over.

>

>

From: Agen, Jarrod (GOV)
Sent: Thursday, October 01, 2015 7:02 PM
To: Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Subject: Fwd: Flint

I don't want to just forward this email to Wyant, but Governor just ask to make sure that he had all this info.

Does Dan have all this?

Begin forwarded message:

From: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>
Date: October 1, 2015 at 1:30:40 PM PDT
To: "Snyder, Rick (GOV)" PPI
Cc: "Agen, Jarrod (GOV)" <Agent1@michigan.gov>, "Posthumus, Dick (GOV)" <Posthumusd@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
Subject: Flint

I talked with Dayne Walling at length today a few minutes ago, and Harvey and I had separate meetings with one of the Flint minister groups and then Rep. Neely. Our conversations were cordial for the most with the normal concerns being expressed. I told Rep. Neely that I felt he hadn't gotten enough respect and insight into our thoughts on this and we expanded our backgrounder for him and he was very appreciative. He actually cancelled a Black Caucus meeting called for today on this due to Harvey and our meeting. I have Dan and Nick calling him just to update.

More importantly, we have the proposal back from DWSD for a reconnect:

1. Short term reconnect is ok until KWA starts operating;
2. No reconnect fee and immediate reconnect;
3. Expenses incurred at actual cost although no estimate at this time
4. A fixed monthly rate of \$662,100 + a commodity rate of \$8.93mcf for current 15-16 FY;
5. Rate is over and above water sales to Genesee County Drain Commission;
6. A water wholesale adjustment;
7. Only extends to Flint;
8. Rates for 16-17 FY would be the same as other customers.

Mayor Duggan is more than willing to lend his support.

I'm asking Saxton for a ballpark calculation. We would have to find them the money for this reconnect, but Dayne is more than open (as is Ananich to a lesser degree) to finding some revolving fund that they would repay perhaps on an extended basis or maybe using some guarantee to reduce the borrowing costs.

From: Agen, Jarrod (GOV)
Sent: Friday, October 02, 2015 10:37 AM
To: Wurfel, Sara (GOV)
Subject: Re: Flint

If you have quick answers, it will help.

On Oct 2, 2015, at 7:35 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Those three issues are among the 5-6 others we were going to cover on the pre-brief call at 11 a.m. Info was changing even this am particularly on first issue.

Can it wait until then and when we have Dan, Nick and Dr. Wells in room?

From: Agen, Jarrod (GOV)
Sent: Friday, October 02, 2015 10:32 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Fwd: Flint

Can you get me answers to these q's?
Josh already sent updated infographics.

Begin forwarded message:

From: "Snyder, Rick (GOV)" <Rick.Snyder@michigan.gov> **PPI**
Date: October 2, 2015 at 7:12:40 AM PDT
To: "Agen, Jarrod (GOV)" <Agent1@michigan.gov>
Cc: "Scott, Allison (GOV)" <scotta12@michigan.gov>
Subject: Flint

Do we have updated infographs?

Do we have an answer as to how to reconcile what Genesee County said yesterday with what we are saying today?

Any more info on the timing of filter availability?

Best way to talk about discussions with GLWA?

Thanks
Rick

Sent from my iPad

From: Agen, Jarrod (GOV)
Sent: Thursday, October 29, 2015 10:15 AM
To: Scott, Allison (GOV)
Cc: Clement, Elizabeth (GOV)
Subject: Re: Flint water

FYI -- I spoke to Gov about this.
Will update you both.

On Oct 28, 2015, at 3:07 PM, Scott, Allison (GOV) <scotta12@michigan.gov> wrote:

Thoughts?

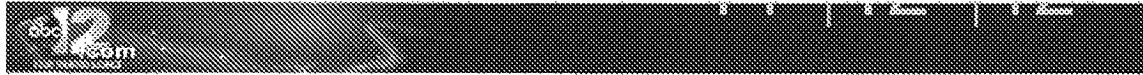
From: Muchmore, Dennis (GOV)
Sent: Thursday, October 22, 2015 9:34 AM
To: Snyder, Rick (GOV) PPI
Cc: Scott, Allison (GOV) <scotta12@michigan.gov>
Subject: Flint water

Ananich wants you to add Carl Levin to the task force on Flint Water. You might want to consider that. Carl isn't going to go to every meeting, he's a pretty fair individual with a long relationship with Sikkema and Kolb, and, Ananich can hardly balk at the findings if Carl is inside the tent.

From: Gelisse, Ashley (TREASURY)
Sent: Monday, February 02, 2015 3:08 PM
To: Posthumus, Dick (GOV); Wurfel, Sara (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Allard, Claire (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV)
Cc: Workman, Wayne (TREASURY); Stanton, Terry A. (Treasury)
Subject: Independent Water Analysis - Flint
Attachments: Independent Water Analysis.PDF

FYI only – a helpful article about the water situation in Flint, offers a good independent assessment. Thanks.

Ashley Gelisse
Senior Policy Advisor to State Treasurer Kevin Clinton
Richard H. Austin Building
430 West Allegan Street
Lansing, MI 48922
Direct: 517-241-2474
Cell: PPI
gelissea@michigan.gov



Waste Water Flow Device

Head Held Industries | Management With Climb-On Sensors & Alarms



ABC12 Investigates: What's in your water?

Posted: Jan 29, 2015 3:38 PM EST

Updated: Jan 29, 2015 11:54 PM EST

By Larry Elliott **CONNECT**

FLINT (WJRT) - (01/29/15) - The results are in and we now have a completely independent look at what's in Flint's water supply.

For months, since Flint switched from a Detroit water supply to the Flint River as it's water source, Flint water customers have complained of smelly, cloudy, bad tasting water and blame it for a variety of health problems.

Complaints exploded earlier this month when Flint notified its water customers that a group of chemicals known as TTHM were at much higher average levels than allowed by law.

With so many questions and distrust of the answers, ABC12's Larry Elliott investigates - What's in your Water?

It seems no matter who you ask in the Flint area, there's an opinion about the city's water. Most of the issues center on the quality of the water and whether it's safe to drink.

"Right now it smells," said Flint resident Lee Miller. "We're getting water out of our own back yard now and it's costing me double what it was coming from Detroit."

"It has a funny taste to it," said Flint resident Milton Alexander.

"It could be dangerous to us, actually I don't know how dangerous it is," said Flint resident Sharika Sanders.

"I'm no cheerleader for the water department here, I think we've got a lot of issues to work on," Ken VanWagoner, of Good Beans Cafe - Flint.

Most of the issues center on the quality of the water and whether it's safe to drink, but concern over its safety reached a new high earlier this month when the city was required by the state Department of Environmental Quality to notify residents that the water had exceeded the allowable limit of a group of chemicals known as TTHM.

TTHM is in most municipal water systems and is thought by some to be a possible carcinogen in long term exposure.

It's a byproduct of chlorination, which is commonly used to help purify water. Last August, as Flint's water treatment plant worked to purify the water it was drawing from the Flint River, levels of TTHM grew to well over the EPA allowed maximum.

August test results provided by the DEQ to ABC12 show all of the eight testing sites around Flint had TTHM levels well above the legal limit.

The lowest level among the eight sites was 40 percent above the legal limit. The highest was 145 percent

more than allowed.

DEQ rules only require the city to report higher than allowed levels to the public once a year, and only if the average of quarterly tests is higher than the legal limit.

That notification went out to residents on Jan. 5. Since then, many residents have refused to believe assurances from the DEQ and the city that the water is now safe to drink.

So, we set out to do complete and independent testing to find out for ourselves exactly what's in your water.

It took a bit of research, but we finally found Water Tech, in Howell, a testing lab with absolutely no ties to Flint, just to make sure there are no questions about the test results.

After having Water Tech train ABC 12's Larry Elliott on the proper methods for collecting water samples, we set out last week to randomly test five sites in Flint.

1. Downtown.

"I'm excited to see this done because this is an independent way to find out that everything's just fine," VanWagoner said.

2. The north side.

"We'd like to do kind of a whole battery of tests of your water. Oh yeah," Alexander said.

3. The west side.

"It could be dangerous to us. How about if we help you find out what's in it right now?" Sanders said.

4. The east side.

"I'm hoping for a good test and put my family at ease," Miller said.

5. Our main studio, on the south side.

We also wanted to compare whatever we're to find with Detroit supplied water, so we took a sample from the Burton water system.

Since next year Flint will connect to the new KWA pipeline, getting its water from Lake Huron, we took a comparison sample from the Saginaw-Midland water system, which currently uses Lake Huron water.

We tested all the sites for levels of TTHM. We also tested how much residual chlorine was in the Flint and Burton water supply and more importantly, we tested at two of our Flint sites for a number of other hazardous chemicals that could cause skin or other health problems.

Tests for those other chemicals are not required for public water systems, but we decided to run those tests anyway.

Here's what our independent testing shows:

All sites tested, including the Saginaw-Midland water system and the Burton system, using Detroit water, contained TTHM - but all of them were well below the EPA allowed maximum.

Saginaw-Midland water had less than a third of the maximum TTHM allowed, the Burton system had only about 25 percent of the maximum and the highest level found of all of our Flint tests showed just over 65 percent of what's allowed, all below EPA limits.

A similar byproduct of chlorination, haloacetic acids, was also well below EPA maximums in Flint's water.

We tested Flint's north and east water samples for many other hazardous chemicals that a doctor told us could cause skin or other health problems, and on both tests, not a single one of those chemicals was detected.

Since most often any smell to the water would be caused by levels of total residual chlorine, we tested that too, in both our Flint and Burton samples.

The legal limit is 4 milligrams per liter. The average of our Flint samples shows a level of about a half milligram per liter. Our test in Burton actually shows 22 percent more residual chlorine than Flint.

Our Flint sample also showed no Coliform bacteria.

We asked Chris McCarthy, of Water Tech, a few questions.

Q: How would you describe these test results?

A: "Well, for the samples received, the tests we performed, everything is within EPA guidelines for safe drinking water."

Q: Is there anything in these results that raises a red flag for you?

A: "For water quality or water safety, No."

We then asked residents if these results change their opinion of what they'll do with their water now.

"To be honest, no," Alexander said.

"It will make me feel a lot more comfortable about bathing and brushing my teeth in it, but I'm still not going to drink it and I'm not gonna give it to my kids or my dog," Sanders said.

"It makes me feel a lot more safer, a lot more comfortable knowing that it's safe to drink now, you know. I'll tell you a load lifted off my shoulders. When the kids take baths, when my wife takes a shower, you know, I know now we're safe," Miller said.

So what about those who've stood before Flint City Council with jugs of discolored water?

While Genesee County Drain Commissioner Jeff Wright points out he has no jurisdiction over Flint's water system, he says in general, discolored water like this is nearly always the result of water main breaks or repairs, and Flint has more than its share because of its aging system.

Wright also says the KWA pipeline won't change that. It will take better management of repairs and money - lots of it - to replace Flint's aging water mains.

Unfortunately for the city of Flint, those very high levels of TTHM recorded last August in Flint water tests are still required by the DEQ to be included in the next report calculating average TTHM levels.

The next test will be done next week, and city Public Works Director Howard Croft tells ABC12, because of the high levels last August, the city will again be found in violation and will be required by the DEQ to send out another TTHM notice of violation to all Flint water customers in early March, even if all new tests show levels under the legal limit.

To view the TTHM testing results from the Michigan DEQ, click [HERE](#).

To view the results of ABC12's water tests, click on the location you'd like to see results for below:

[Flint Center](#)

[Flint North](#)

[Flint East](#)

[Flint South](#)

[Flint West](#)

[Burton](#)

[Saginaw-Midland](#)

To view the Michigan DEQ results for South Flint, click [HERE](#).

From: Clayton, Stacie (GOV)
Sent: Wednesday, December 23, 2015 11:38 AM
To: Hollins, Harvey (GOV)
Subject: Fwd: Document for Review - Request for Damage Assessment
Attachments: 12.23.15 - Request for Damage Assessment of Flint.pdf; ATT00001.htm

Stacie Clayton
Sent from my iPhone

Begin forwarded message:

From: "Adamczyk, Lynne (GOV)" <adamczyk1@michigan.gov>
Date: December 23, 2015 at 11:34:00 AM EST
To: "Clayton, Stacie (GOV)" <claytons3@michigan.gov>, "Manolakoudis, Virginia (GOV)" <ManolakoudisV@michigan.gov>, "Grijalva, Nancy (DHHS)" <GrijalvaN@michigan.gov>, "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>, "Klotz, Josephine (MSP)" <KlotzJ@michigan.gov>
Subject: Document for Review - Request for Damage Assessment

FYI

Lynne Adamczyk
Executive Assistant
Office of Governor Rick Snyder
517-373-3400 (o)
517-241-9412 (d)
adamczyk1@michigan.gov



4438 Oak Bridge Dr., Suite B - Flint, MI 48532-5467

(810) 733-9925 - Fax: (810) 230-3737 - www.gcnis.org

HH/RB/JA
Lyon/Wyant
Ethel

December 15, 2015

Dr. Karen Weaver, Mayor
City of Flint, City Hall
1101 S. Saginaw St.
Flint, MI 48502

Dear Mayor Weaver,

The Genesee County Medical Society supports your call to Genesee County Board of Commissioners, and the State of Michigan, to perform a damage assessment consistent with that which is needed to declare a state of emergency for the City of Flint Water Crisis.

Sincerely yours,

Pino Colone, MD
President

Cc: *Jamie Curtis, Chair, Genesee County Board of Commissioners*
Kay Doerr, Chair, Genesee County Board of Health
Senator Jim Ananich
Senator Dave Robertson
Governor Rick Snyder
Congressman Dan Kildee

Organized Medicine's Leading Edge

Mission - Leadership, advocacy, and service on behalf of its members and their patients.

Vision - That the Genesee County Medical Society maintain its position as the premier medical society by advocating on behalf of its physician members and patients.

From: Clayton, Stacie (GOV)
Sent: Tuesday, January 05, 2016 2:56 PM
To: Hollins, Harvey (GOV)
Subject: Flint spreadsheets
Attachments: FY16 and FY17 Flint supplemental minus dollars.xls; FY16 and FY17 Flint supplemental.xls

Importance: High

Harvey,

Attached are the two spreadsheets. The first is without dollar amounts and with limited descriptions. The second is the original document. I'd like to send this to Rich before 5pm.

Stacie

A		B		C
1		Michigan Department of Health and Human Services		
2		FY16 and FY17 Supplemental Request		
3		December 30, 2015		
4				
5		Appropriation		Contractual FTEs
6				
7		<u>FY16 Supplemental Request - Assume funding recommended from February 1 - September 30, 2016</u>		
8				
9	1	Epidemiologists		2
10	2	Abate lead homes in Flint		3.5
11	3	Additional lead investigations		0
12	4	Increase nurse case management		1
13	5	Increase community education		2
14	6	WIC outreach and transportation		1
15				
16		Total FY16 Request		9.5
17				
18		<u>FY17 Supplemental Request - Assume full year</u>		
19	7	Continuation of FY16 Supplemental		8
20	8	Epidemiologists		2
21	9	Cost to abate lead homes in Flint		4
22	10	Additional lead investigations		
23	11	Increase nurse case management		1
24	12	Increase community education		2
25	13	WIC outreach and transportation		1
26				
27		Total FY17 Funding Request		18
28				
29		Total FY16 and FY17 Funding Request		27.5

	D	
1		
2		
3		
4		
5	Detailed Description	
6		
7		
8		
9	Support two epidemiologists to analyze blood lead levels based on zip codes in the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted.	
10	3.5 contractual staff - 2.5 field consultants to conduct abatement and one to assist with client application and form processing	
11	Additional efforts to support lead investigations in 100 additional homes in the City of Flint.	
12	Will support the increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, provide nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.	
13	Will work with the Genesee County Health Department (GCHD) to build educational efforts in that community to develop a more detailed education plan.	
14	One peer educator FTE at Genesee County Health Department to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and overall health of pregnant moms and infants.	
15		
16		
17		
18		
19	Continue existing nurse case management of EBL home investigations.	
20	Two epidemiologists to analyze blood lead levels and will address broader areas beyond the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted.	
21	4 contractual staff - 3 field consultants to conduct abatement and one to assist with client application and form processing.	
22	Support additional lead environmental investigations in homes of children with high blood lead levels to determine all of the sources of lead exposure and plan for mitigation of lead. This does not include for lead abatement.	
23	Support increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.	
24	Continue the contractual health educators at GCHD to work collaboratively with community agencies on awareness of lead hazards, increase lead testing, and nutrition education.	
25	One contractual peer educator FTE at GCHD to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and improve the overall health of pregnant moms and infants. Bus tokens, bus signs and other promotion materials for WIC.	
26		
27		
28		
29		

A	B	C	D
1	Michigan Department of Health and Human Services		
2	FY16 and FY17 Supplemental Request		
3	December 30, 2015		
4			
5	Appropriation	Contractual FTEs	Amount
6			
7	<u>FY16 Supplemental Request - Assume funding recommended from February 1 - September 30, 2016</u>		
8			
9	1 Cost for epidemiologists	2	\$ 115,000
10	2 Cost to abate lead homes in Flint	3.5	\$ 1,687,500
11	3 Additional lead investigations	0	\$ 100,000
12	4 Increase nurse case management	1	\$ 75,000
13	5 Increase community education	2	\$ 120,000
14	6 WIC outreach and transportation	1	\$ 60,000
15			
16	Total FY16 Funding Request	9.5	\$ 2,157,500
17			
18	<u>FY17 Supplemental Request - Assume full year</u>		
19	7 Continuation of FY16 Supplemental	8	\$ 850,000
20	8 Cost for epidemiologists	2	\$ 220,000
21	9 Cost to abate lead homes in Flint	4	\$ 2,261,000

	E
1	
2	
3	
4	
5	Detailed Description
6	
7	
8	
9	Support two epidemiologists to analyze blood lead levels based on zip codes in the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted. Positions will be supported through contracts with MPHIL. Costs reflect contractual and service costs to abate lead from homes in the City of Flint. Contractual funds will support 3.5 contractual staff - 2.5 field consultants to conduct abatement and one to assist with client application and form processing (total \$187,500). Funds for the service include the cost to abate 100 homes @ \$15,000 each (\$1.5 million) which will include internal housing plumbing components where necessary. Current efforts financed in the previous FY16 supplemental did not support lead abatement activities.
10	Additional contractual efforts to support lead investigations in 100 additional homes in the City of Flint. Service will be provided by ETC Consulting.
11	Funds support the increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, provide nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.
12	Contractual FTEs will work with the Genesee County Health Department (GCHD) to build educational efforts in that community to develop a more detailed education plan.
13	One contractual peer educator FTE at Genesee County Health Department to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and overall health of pregnant moms and infants.
14	
15	
16	
17	
18	
19	Continue the funds from the original FY16 supplemental for existing nurse case management of EBL home investigations.
20	Continue the funds from the FY16 request above and support two epidemiologists to analyze blood lead levels and will address broader areas beyond the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted.
21	Continue the funds from the FY16 request above and finance contractual and service costs to abate lead from homes in the City of Flint. Contractual funds will support 4 contractual staff - 3 field consultants to conduct abatement and one to assist with client application and form processing (total \$311,000). Funds for the service include the cost to abate an increase to 130 homes @ \$15,000 each (\$1.95 million) which will include internal housing plumbing components where necessary. Current efforts financed in the previous FY16 supplemental did not support lead abatement activities.

	F
1	
2	
3	
4	
5	
6	
7	
8	
9	Could be work beyond Flint if these positions conduct other lead zip code analysis in other cities.
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	

	A	B	C	D
22		10 Additional lead investigations		\$ 130,000
23		11 Increase nurse case management	1	\$ 100,000
24		12 Increase community education	2	\$ 180,000
25		13 WIC outreach and transportation	1	\$ 90,000
26				
27		Total FY17 Funding Request	18	\$ 3,831,000
28				
29		Total FY16 and FY17 Funding Request	27.5	\$ 5,988,500
30				
31		Notes:		
32		(1) FY16 supplemental request reflects additional needs above the original supplemental level passed in November 2015.		
33		(2) FY16 levels support work to take place in the City of Flint only.		
34		(3) FY17 amounts are full year funding levels. Should the FY16 supplemental pass prior to the release of the FY17 Executive Recommendation, FY17 levels can be annualized to reflect the revised FY16 base.		

	E	
		Funds support additional lead environmental investigations. This is lead investigations in homes of children with high blood lead levels to determine all of the sources of lead exposure and plan for mitigation of lead. This does not include funding for lead abatement. This is done via contract with ETC Consulting. (No FTEs)
22		Continue the funds from the FY16 request above to support the increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.
23		Continue the contractual health educators at GCHD to work collaboratively with community agencies on awareness of lead hazards, increase lead testing, and nutrition education.
24		One contractual peer educator FTE at GCHD to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and improve the overall health of pregnant moms and infants. Bus tokens (10,000 at \$1 = \$10,000), bus signs and other promotion materials for WIC at \$5,000.
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		

From: Clayton, Stacie (GOV)
Sent: Tuesday, January 05, 2016 4:55 PM
To: Baird, Richard (GOV)
Cc: Hollins, Harvey (GOV); Manolakoudis, Virginia (GOV)
Subject: Flint Spreadsheet
Attachments: FY16 and FY17 Flint supplemental minus dollars.xls

Rich,

Attached is Harvey's document for the Governor's meeting with Mayor Weaver. It contains potential offerings by the state without revealing the associated costs. Please let us know if you need anything else.

~Stacie

B	
A	
1	Michigan Department of Health and Human Services
2	FY16 and FY17 Supplemental Request
3	December 30, 2015
4	
5	Appropriation
6	
7	<u>FY16 Supplemental Request - Assume funding recommended from February 1 - September 30, 2016</u>
8	
9	1 Epidemiologists
10	2 Abate lead homes in Flint
11	3 Additional lead investigations
12	4 Increase nurse case management
13	5 Increase community education
14	6 WIC outreach and transportation
15	
16	
17	<u>FY17 Supplemental Request - Assume full year</u>
18	7 Continuation of FY16 Supplemental
19	8 Epidemiologists
20	9 Cost to abate lead homes in Flint
21	10 Additional lead investigations
22	11 Increase nurse case management
23	12 Increase community education
24	13 WIC outreach and transportation

	C
1	
2	
3	
4	
5	Detailed Description
6	
7	
8	
9	Support epidemiologists to analyze blood lead levels based on zip codes in the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted.
10	Consultants to conduct abatement and one to assist with client application and form processing
11	Additional efforts to support lead investigations in 100 additional homes in the City of Flint.
12	Will support the increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, provide nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.
13	Will work with the Genesee County Health Department (GCHD) to build educational efforts in that community to develop a more detailed education plan.
14	Peer educator at Genesee County Health Department to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and overall health of pregnant moms and infants.
15	
16	
17	
18	Continue existing nurse case management of EBL home investigations.
19	Epidemiologists to analyze blood lead levels and will address broader areas beyond the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted.
20	Consultants to conduct abatement and one to assist with client application and form processing.
21	Support additional lead environmental investigations in homes of children with high blood lead levels to determine all of the sources of lead exposure and plan for mitigation of lead. This does not include for lead abatement.
22	Support increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.
23	Continue the contractual health educators at GCHD to work collaboratively with community agencies on awareness of lead hazards, increase lead testing, and nutrition education.
24	contractual peer educator at GCHD to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and improve the overall health of pregnant moms and infants. Bus tokens, bus signs and other promotion materials for WIC.

From: Baird, Richard (GOV)
Sent: Sunday, January 03, 2016 7:10 PM
To: Scott, Allison (GOV)
Subject: Fwd: DRAFT DOCUMENTS: For Mayor Weaver
Attachments: FWIACC cover letter.docx; ATT00001.htm; FWIACC document v2.docx; ATT00002.htm; DRAFT Coord Com Org Chart 233264.pptx; ATT00003.htm

Closing the loop. Hope Mexico was great!

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Date: Jan 3, 2016 5:48 PM
Subject: Fwd: DRAFT DOCUMENTS: For Mayor Weaver
To: ksikkema@pscinc.com, Chris Kolb <chris@environmentalcouncil.org>
Cc:

Ken/Chris:

We have been working on this since over the holiday break. Governor Snyder asked Harvey Hollins to send the proposal draft and draft Coordinating Committee chart to Mayor Weaver a little while ago.

We intend to stand the Committee up immediately, adjust pursuant to the Mayor's meeting with the Governor next week, and use the Executive Order capabilities of the Governor to make this group a structural long term body addressing the needs of Flint.

Call me if you have any questions. Hope you had a good holiday period.

Thanks,

Rich

Sent from my iPad

From: "Holland, Meegan (GOV)" <HollandM2@michigan.gov>
Date: January 3, 2016 at 3:23:12 PM EST
To: "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
Subject: **DRAFT DOCUMENTS: For Mayor Weaver**

Meegan Holland

Director of Communications for Gov. Rick Snyder

Office: 517-335-6397

Mobile: **PPI**

Twitter: @meholland

January 3, 2016

To: Mayor Karen Weaver

From: Harvey Hollins

Governor Snyder and several members of his team are committed to acting now, with the State, City and County in partnership, and not wait on any federal action or determination on an emergency declaration. If a federal emergency declaration is issued, this will be part of the combined response effort and will help marshal more resources towards resolving the issues facing Flint. Right now though, the Governor wishes to immediately implement an action plan with State and Local entities and bring together agencies and stakeholders.

Our working draft title is the Flint Water Inter-Agency Coordinating Committee (FWIACC), and it would immediately address ways to restore safe water and monitor/mitigate the effects of the lead.

In addition to Governor Snyder, the key officials working on this blueprint were MSP Capt. Chris Kelenske, DHHS Chief Deputy Tim Becker, DHHS Director Nick Lyon, the Governor's Transformation Advisor Rich Baird and myself. The need for engaged central coordination has also been recommended by the Governor's Flint Water After-Action Task Force, of which Dr. Larry Reynolds is a member. Governor Snyder has endorsed this approach and has asked me to provide you with a draft copy in advance of your meeting with him on January 7. If you agree, we will organize this committee immediately, and the Governor will issue an executive order authorizing FWIACC to work on the issue for the long term .

As you know, there is a significant amount of work to be done before the Federal government will approve an emergency declaration under the Stafford Act. FWIACC could begin its work immediately and would be in place to complement, not replace any action group ultimately formed by an emergency declaration. And we believe it would demonstrate how to best leverage essential support addressing manmade emergencies like this, since existing laws are more oriented toward natural disasters.

We brainstormed who should be included in this initial emergency response, with the idea that you and other stakeholders may have recommendations on others who need to be added.

You will note the organization chart and the proposal description is not a normal hierarchical entity. This is a collaborative, stakeholder-driven partnership. Chris and I would facilitate it, but it is a partnership of city, county and state viewpoints, and would include outside experts like Marc Edwards and Dr. Mona Hanna-Attisha.

All parties will be required to be transparent about their ideas and findings, agreeing to accountability measures and reporting on them on a regular basis.

Please let me know your thoughts on this approach and also other agenda items you wish to see on January 7. If you agree, we would also invite the interim DEQ director, Keith Creagh, and the newly appointed spokesperson to meet you then.

DRAFT: A Proposal to Create the Flint Water Inter-Agency Coordinating Committee (FWIACC)

Statement of Need

To better coordinate resources and personnel and react with urgency, Harvey Hollins and MSP Capt. Chris Kelenske have been tasked with creating FWIACC, subject to the approval and endorsement by Flint Mayor Karen Weaver.

We are also recommending, by executive order, that Gov. Rick Snyder authorizes this committee to help restore safe water in Flint and coordinate efforts addressing health/behavioral consequences from lead ingestion.

This inter-agency group will fully engage with all stakeholders committed to solving Flint water issues. Equal partners. Equal leadership. Equal responsibility. Equal chance to be part of the solution to an important and not fully understood problem.

FWIACC will be facilitated by Hollins and Kelenske, who represent statewide resources and constituencies, with support from senior members of the Governor's office.

An overview of FWIACC's goals:

- Create a routine information process between all parties.
- Pursue other avenues of funding, including federal grants and legislative appropriations.
- Implement without delay any appropriate mechanisms that are called for in the Emergency Management Act or the Stafford Disaster Relief and Emergency Assistance Act. These may include local emergency operations plans and guides.

Action Plan

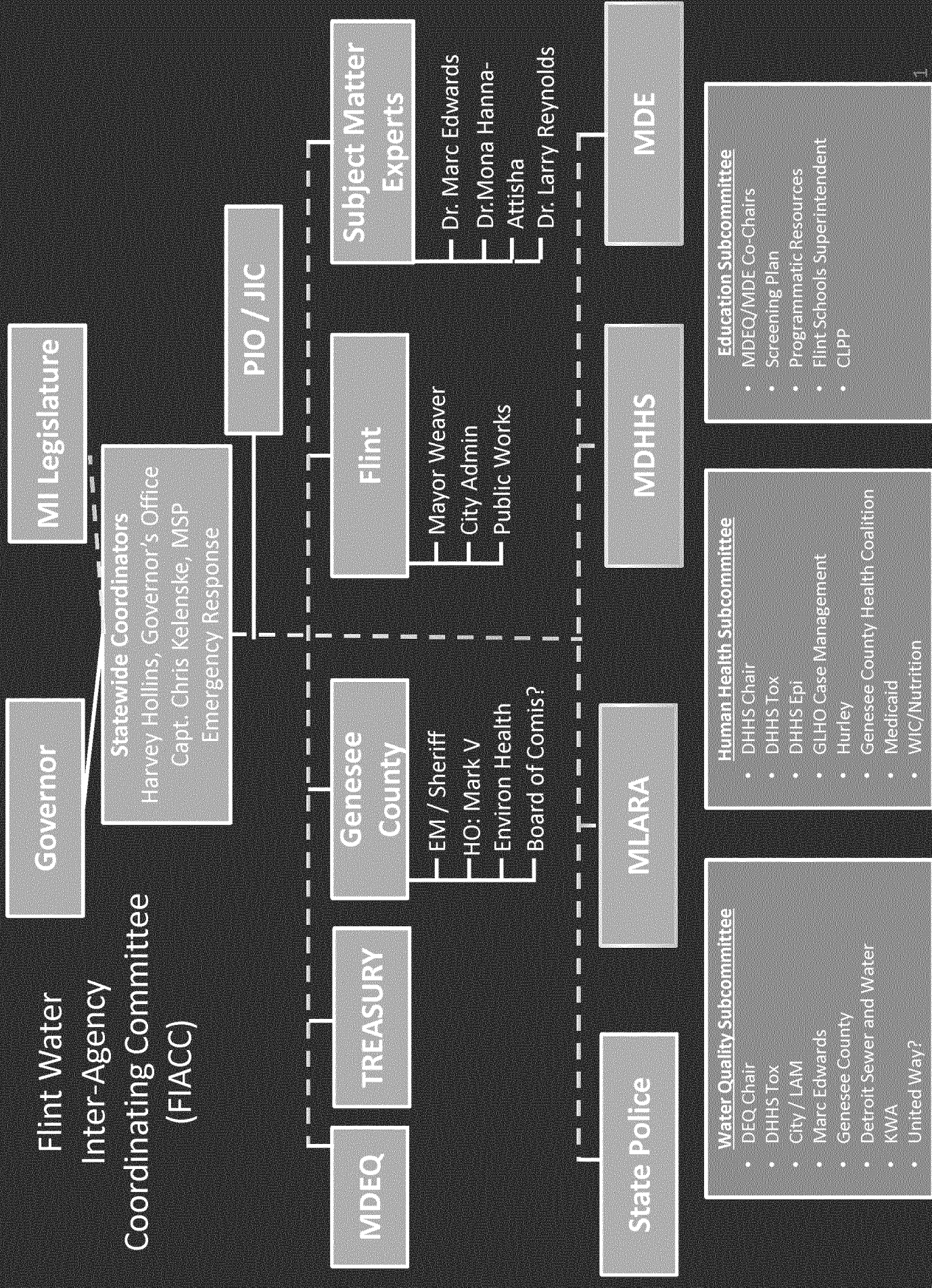
Immediately, FWIACC will:

1. Establish an interagency workgroup described in the attached organizational chart. It will be comprised of DHHS, MDEQ, MSP, Treasury, Genesee County, City of Flint, MDE, LARA and external subject matter experts (SMEs). Other entities may be added as needed. Personnel must be goal-oriented, transparent with findings, and able to accomplish FWIACC Incident Action Plan items created by the state in a timely manner. The FWIACC plan would be created with city, county, state and federal needs in mind.
2. Assemble staff with competencies in disaster/emergency planning, operations and finance as outlined under the National Incident Management System (NIMS). Staff will be accountable to the FWIACC leadership to track resource requests and document progress on the FWIACC incident action plan.
3. Utilize the National Incident Management System and Unified/Incident Command as appropriate.
4. Establish routine communications protocols at the operational, executive and legislative levels as determined appropriate.
5. Establish interagency workgroup objectives using the following as a starting point.

Interagency Workgroup Objectives

1. Determine and convey acceptable standards for potable water.
 - Identify needed remediation.
 - Convey the remediation plan objectives to all stakeholders and interested parties.
 - Create logistics for distributing water and filters, particularly to homebound citizens.
 - Implement the plan.
2. Determine health impacts for the impacted population.
 - Identify treatment methods, nutrition education and protocols for monitoring, neurodevelopmental screening, access to DBP specialists and psychologists/psychiatrists, expanded county services, etc.
 - Convey the treatment plan objectives to interested parties.
 - Implement the plan.
3. Establish a public information protocol to effectively inform the community.
 - Identify existing public information outlets within the city, county and state, including schools, churches and other formal and informal distribution networks.
 - Establish a Joint Information Center.
 - Provide for emergency alerts and updates.
 - Determine the process for approving official information before it's disseminated.
 - Convey to interested parties.
4. Assess the status of the infrastructure and determine feasible actions to upgrade the water system.
 - Determine current state of the infrastructure.
 - Develop priorities, costs and potential funding sources for infrastructure upgrades as part of a long term recovery plan.
 - Seek partners to assist (NGOs, Foundations, Business, etc.).
 - Implement the plan.

Flint Water Inter-Agency Coordinating Committee (FIACC)



From: Rich Baird <rbaird003@hotmail.com>
Sent: Saturday, October 03, 2015 10:41 AM
To: Rick [PPI] Scott, Allison (GOV); J. Frank Brown
Subject: Fwd: Flint water background information
Attachments: Attachment-1.jpeg

Governor,

Frank is a good friend who serves on Home Depot's Board. He has been a big fan of what we are doing in Michigan and I am very appreciative of his and HD's quick and generous assistance.

Frank, your exec team was superb. Many many thanks!

Rich

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Brown, Frank" [REDACTED]
Date: Oct 3, 2015 8:49 AM
Subject: Fwd: Flint water background information
To: bairdr@michigan.gov, [REDACTED]
Cc:

Hi. Hope this was helpful. Have a good weekend.

Frank

Sent from my iPad

Begin forwarded message:

From: [REDACTED]
Date: October 3, 2015 at 9:40:29 AM EDT
To: [REDACTED]
[REDACTED]
[REDACTED]
Subject: RE: Flint water background information

Frank: Just wanted to circle back on the action taken by the Home Depot Team. Our team connected with Richard Baird and received direction on the greatest need. As a result, we took the following action;

1. Donated 10 pallets of water for the Flint schools
2. Donated 8 pallets for the police and fire departments (we believe they will distribute to families)
3. We facilitated the purchase of water filters by the Red Cross (\$80,000) with our supplier

In addition we are lowering our pricing on water and filters in the market to assist customers with purchase. Our district manager also conducted a training session on how to install/use the filters which will be

shared with residents.

We will stay in contact with Rich and the Mayor's office if additional needs arise.

Craig

-----Original Message-----

From: Brown, Frank [REDACTED]
Sent: Wednesday, September 30, 2015 10:48 AM
To: Menear, Craig A; Tome, Carol; Crow, Tim
Subject: Fwd: Flint water background information

Hi all. See below. My friend Rich is chief of staff for Governor Snyder. If we are interested in trying to help with this problem, please let me know and I will make the connection. Thanks a lot.

Frank

Sent from my iPad

Begin forwarded message:

From: "Baird, Richard (GOV)"
<bairdr@michigan.gov<mailto:bairdr@michigan.gov><mailto:bairdr@michigan.gov>>
Date: September 30, 2015 at 3:34:15 PM GMT+1
To: "Frank Brown

[REDACTED]
[REDACTED]
Cc: "Hollins, Harvey (GOV)"
<hollinsh@michigan.gov<mailto:hollinsh@michigan.gov><mailto:hollinsh@michigan.gov>>
Subject: FW: Flint water background information

Frank:

We have a situation in Flint, Michigan that is beginning to get national attention and could be an opportunity for Home Depot. 18 months ago, Flint switched its water supply from Detroit Water (the distance and pumping costs of going uphill made it quite expensive) to the Flint River as a temporary answer, until they could finish the construction to get their water from Lake Huron (Karagondi Water System). The corrosive attributes of the River water have exacerbated the lead deposit leaching into homeowner pipes and there is concern around lead poisoning, especially for infants.

The corporate community is rallying to address the problem. Meijer donated 1500 water filters to low income residents and GM is about to announce a donation of between 5,000 and 10,000 filters. I do not yet know where GM is getting the filters from, but I was thinking that Home Depot might want to join the effort with a donation, supply chain discounting assistance, or some combination of activity that could help Flint residents. Harvey Hollins is our point person for this effort, since he is the Director of Urban Initiatives for Governor Snyder. I have copied him here.

If you could get this into the hands of the right people and see if there is interest in speaking with Harvey, I

would be very appreciative. Thanks and take care.

Regards,

Rich

From: Murray, David (GOV)
Sent: Wednesday, September 30, 2015 9:35 AM
To: Baird, Richard (GOV)
Subject: Flint water background information

Hi Rich,

These are two documents that I think are helpful addressing the questions about lead and Flint water overall, prepared by DEQ and DHHS. These were intended for internal use, so please ask our partners to not share them beyond the people on their teams making the decisions.

Please let me know if you need anything else.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov><mailto:MurrayD1@michigan.gov>
517-335-6397, office
PPI mobile
Twitter: @michigandmurray

This e-mail (including all attachments) is confidential and may be privileged.

It is for the exclusive use of the addressee only. If you are not the addressee, you are hereby notified that any dissemination of this communication is strictly prohibited. If you have received this communication in error, please erase all copies of the message and its attachments and notify us immediately at help@generalatlantic.com<mailto:help@generalatlantic.com>. Thank You.

The information in this Internet Email is confidential and may be legally privileged. It is intended solely for the addressee. Access to this Email by anyone else is unauthorized. If you are not the intended recipient, any disclosure, copying, distribution or any action taken or omitted to be taken in reliance on it, is prohibited and may be unlawful. When addressed to our clients any opinions or advice contained in this Email are subject to the terms and conditions expressed in any applicable governing The Home Depot terms of business or client engagement letter. The Home Depot disclaims all responsibility and liability for the accuracy and content of this attachment and for any damages or losses arising from any inaccuracies, errors, viruses, e.g., worms, trojan horses, etc., or other items of a destructive nature, which may be contained in this attachment and shall not be

liable for direct, indirect, consequential or special damages in connection with this e-mail message or its attachment.

[cid:A2F234B4-A10A-4824-B5B1-1ED79504A765]

From: Hollins, Harvey (GOV)
Sent: Thursday, October 01, 2015 3:53 PM
To: Lasher, GERALYN (DHHS); Wurfel, Sara (GOV); Lyon, Nick (DHHS); Muchmore, Dennis (GOV)
Subject: Fwd: PRESS RELEASES: United Way, GM Foundation and City of Flint Raise Money for Water Filter Initiative
Attachments: 10.1 United Way water filter release FINAL.pdf; ATT00001.htm; 100115 GM Foundation Water Filter Donation final 2102ET 093015.pdf; ATT00002.htm

Best,
Harvey

Begin forwarded message:

From: Jason Lorenz <jlorenz@cityofflint.com>
Date: October 1, 2015 at 3:22:51 PM EDT
To: undisclosed-recipients;;
Subject: **PRESS RELEASES: United Way, GM Foundation and City of Flint Raise Money for Water Filter Initiative**

SEE ATTACHED PRESS RELEASES :

United Way, City of Flint Tap \$105,000 to Purchase Water Filters
Donations and grant funds will purchase 5,250 water filters for Flint residents. GM Foundation Donates \$50,000 to Purchase Water Filters in Flint.

“This is a great example of community members, leaders and partners banding together to ensure people have access to clean drinking water,” said Flint Mayor Dayne Walling.

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)

PPI

 (Cell)
jlorenz@cityofflint.com





United Way, City of Flint Tap \$105,000 to Purchase Water Filters

Donations and grant funds will purchase 5,250 water filters for Flint residents

For Immediate Release: Thursday, Oct. 1, 2015

Flint – The United Way of Genesee County and the City of Flint have combined forces to raise at least \$105,000 from private and public sources to purchase water filters for residents in Flint.

The United Way kicked off its effort on Tuesday by committing \$25,000 from its general fund. That was followed by a \$50,000 donation by the General Motors Foundation and \$10,000 from the Making Our Children Smile Foundation.

An additional \$20,000 in Community Development Block Grant funds were secured Wednesday by the city of Flint. The Community Foundation of Greater Flint is also working to secure filters for the initiative.

“Upon first learning of the water quality issue in the city of Flint the United Way partnered with Hurley Children’s Hospital, Mott Children’s Health Center, the Food Bank of Eastern Michigan and the Flint Diaper Bank to provide bottled water to families in the community,” said Jamie Gaskin, CEO of the United Way of Genesee County. “Now is the time to provide a more economical and long-term solution to help residents until the water issue is resolved.”

The United Way will work with the Genesee County Health Department to purchase the filters, which cost about \$20 each. The health department is working with community partners to prioritize need and distribute filters to the highest risk populations first to ensure the safety of the community. Water filters are NSF certified to include removal of lead.

“This is a great example of community members, leaders and partners banding together to ensure people have access to clean drinking water,” said Flint Mayor Dayne Walling.

Information on distribution of the filters will be communicated through the Health Department web site: www.qchd.us, as well as a hotline that is in the process of being established.

About The United Way of Genesee County: *Founded in 1922, United Way of Genesee County currently supports more than 43 programs with direct grants, helping more than 57,000 people in Genesee County. The agency’s investment model is based on Education, Health, Financial Stability and Basic Needs. In 2014, the total economic impact through direct and leveraged funds exceeded \$11.6 million.*

###

Contact:

Tom Wickham
Marketing chairman, United Way of Genesee County
248-707-9064



For Immediate Release: Thursday, Oct. 1, 2015

GM Foundation Donates \$50,000 to Purchase Water Filters in Flint

United Way will use funds to help residents access clean water

FLINT, Mich. – The General Motors Foundation is donating \$50,000 to the United Way of Genesee County to purchase water filters for residents in the city of Flint.

The donation is part of an initiative by the United Way to fund the distribution of filters that are capable of removing contaminants from water Flint residents use for drinking and cooking.

"Giving back to our communities is more than investing in our facilities; it involves helping to improve the quality of life for those who live in our plant cities," said Cathy Clegg, GM North American Manufacturing and Labor Relations vice president. "The United Way is a long-time GM partner and is well positioned in the Flint area to help the residents most in need."

The donation comes as individuals, community groups and government agencies are banding together to provide Flint residents access to clean water.

Cindy Estrada, UAW vice president and director of the union's GM Department, worked with Clegg to secure the \$50,000 grant from the GM Foundation. The UAW was also involved in initial efforts to get bottled water into the community.

"The UAW has a proud history of helping workers and their families, but we also take great pride in assisting people in our communities," Estrada said. "Together with the United Way of Genesee County, GM and the GM Foundation, we hope residents are able to access clean water for their families."

The \$50,000 donation is the latest grant from the GM Foundation to a Flint-area non-profit. Earlier this year, the GM Foundation donated \$70,000 to the United Way of Genesee County to support educational initiatives in the Flint area. The GM Foundation also donated \$60,000 to local non-profits to support initiatives ranging from environmental outreach to youth programs.

In addition to supporting local non-profits, the GM Foundation also donated \$400,000 and committed an additional \$1.6 million by 2019 to Kettering University to create The GM Foundation Automotive Research Area, where students will test vehicles on different test tracks. At the same time, GM donated \$2 million to Kettering to create the GM Advanced Powertrain Research Lab.

About General Motors in Flint

GM employs more than 7,000 employees in the Flint area. The company operates the Flint Assembly, Flint Metal Center, Flint Engine Operations and Flint North American Tooling Center. GM's Customer Care and Aftersales is headquartered in Grand Blanc and CCA processing centers are located in Burton and Swartz Creek.

About the General Motors Foundation:

Since its inception in 1976, the GM Foundation has donated hundreds of millions of dollars to American charities, educational organizations and to disaster relief efforts worldwide. The GM Foundation focuses on supporting Education, Health and Human Services, the Environment and Community Development initiatives, mainly in the communities where GM operates. Funding of the GM Foundation comes solely from GM. The last contribution to the GM Foundation was made in 2001. For more information, visit www.gm.com/gmfoundation.

CONTACTS:

Tom Wickham
GM Flint Communications
248-707-9064
tom.wickham@gm.com

Genna Young
GM Foundation
248-860-4691
genna.young@fleishman.com

From: Murray, David (GOV)
Sent: Monday, November 23, 2015 10:10 PM
To: Wurfel, Sara (GOV)
Subject: Fwd: October EBL data - previous years

Sent from my iPad

Begin forwarded message:

From: "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>
Date: November 23, 2015 at 10:01:10 PM EST
To: "Murray, David (GOV)" <MurrayD1@michigan.gov>
Cc: "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Lasher, GERALYN (DHHS)" <lasherg@michigan.gov>
Subject: Re: October EBL data - previous years

I apologize if that wasn't made clear but we have said all along that these numbers may change as additional tests come in, and I believe I said that in one of our phone conversations. With all data there is almost always a data lag - vaccination coverage levels are delayed about a year - and this summary report, as stated in the release, is intended to provide updates on the numbers of tests completed and cumulative results on an ongoing basis.

Sent from my iPhone

On Nov 23, 2015, at 9:52 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

Jen, I'm confused here. If the October data was incomplete, why are we releasing it? Why not wait until we have ALL the October data before we release it? Seems like issuing incomplete data would come back to bite us.

Sent from my iPhone

On Nov 23, 2015, at 9:47 PM, Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov> wrote:

FYI

Sent from my iPad

Begin forwarded message:

From: "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
Date: November 23, 2015 at 7:39:43 PM EST
To: "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>
Cc: "Minicuci, Angela (DHHS)"

<MinicuciA@michigan.gov>, "Miller, Corinne (DHHS)" <MillerC39@michigan.gov>, "Moran, Susan (DHHS)" <MoranS@michigan.gov>
Subject: Re: October EBL data - previous years

Hi Jen,

That would be inappropriate at this time--as we have persistently said that the October data for 2015 IS NOT COMPLETE, and is thus unstable. In fact, just this week we have added quite a few more tests that were done in October to this weeks' report, and we may see a few more pop in in the next week or so. Test reports, and this is not unusual for any surveillance system, can lag an AVERAGE of two -three weeks from time of test to time that report is made to the state health department, which means some lag longer than that!

Thus, comparing the October 2015 data is not appropriate to compare to the monthly totals for October for the last 5 years.

What they can do with the data, which is much more methodologically sound, is to compare quarters of data, as we have laid out by zip code, over the last 5 years...that captures the potential lag in reporting a bit better.

If you need me to talk to anyone, let me know---I have CC'd our State Epidemiologist as well.

Eden V. Wells, MD, MPH, FACPM
Chief Medical Executive
Michigan Department of Health and Human Services
201 Townsend Street, 5th Floor CVB
Lansing, MI 48913
Phone: 517-335-8011
wellse3@michigan.gov

From: Eisner, Jennifer (DHHS)
Sent: Monday, November 23, 2015 6:54 PM
To: Wells, Eden (DHHS)
Cc: Minicuci, Angela (DHHS)
Subject: Re: October EBL data - previous years

They're requesting the last 5 years only.

Sent from my iPad

On Nov 23, 2015, at 6:29 PM, "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov> wrote:

Hi Eden:

The gov's office is requesting the total number of tests and EBLs for Flint for the month of October in 2014, 2013, 2012, etc.. Going back as far as we can (10 years?). Can we get those figures tomorrow morning? I've seen some figures but not sure if they were final/ approved or pulled in the same method as our report for this October.

Thank you,
Jennifer

Sent from my iPad

From: Arthur Delaney <arthur@huffingtonpost.com>
Sent: Tuesday, December 15, 2015 4:58 PM
To: Wurfel, Sara (GOV)
Subject: Flint emergency declaration

Hi Sara, I am filing something tomorrow morning on the Mayor Weaver's emergency declaration in Flint. Genessee County commissioner Jamie Curtis told me he was kind of confused by it, since the county had already declared an emergency. I wondered if the governor's office could help me understand what's going on with emergency help for Flint. I'm at (202) 624-9396.

--

Reporter | Huffington Post
(202) 624-9396 desk | PPI cell
Twitter @ArthurDelaneyHP

From: Maryellen Tighe <Maryellen.Tighe@debtwire.com>
Sent: Wednesday, December 30, 2015 4:51 PM
To: Wurfel, Sara (GOV)
Subject: press request - flint

Hello Sara,

I am working on an article about Flint water. I know that the head of the EPA has resigned and Snyder has spoken publicly on the issue. However (unless I missed something) the state has not committed any money. I was wondering if that has changed or if there is a date that the state plans on making that decision. Also, if the state funding would be available to treat water now, help with the effects of lead poisoning or something else.

Thanks and I hope you've had a peaceful holiday season!

Maryellen

Maryellen Tighe
Reporter
Debtwire Municipals
Phone: 212 500-7549
Fax: 212 686-2664
Twitter: @MaryellenTighe
maryellen.tighe@debtwire.com

Debtwire publishes real-time news and data for financial professionals in fixed income markets across the world. Debtwire is part of the Mergermarket Group.

This email was sent by a company owned by Mergermarket Ltd, registered office at 10 Queen Street Place, London, EC4R 1BE.
Registered in England and Wales with company number 3878547

From: Murray, David (GOV)
Sent: Monday, October 05, 2015 4:03 PM
To: Wurfel, Sara (GOV)
Subject: Re: Release on Flint

It was a little confusing. Maybe it's because the headline focuses on clients.

Sent from my iPad

On Oct 5, 2015, at 3:57 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Both – clients should go to DHHS office, all others should go to local Community Action Agency location – though either can go to other locations and walk out door with filter by same form/policy to ensure “no wrong door” and make as easy as possible. But they are trying to direct folks accordingly. Outlined in 2nd graph – not clear enough?

From: Murray, David (GOV)
Sent: Monday, October 05, 2015 3:52 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Re: Release on Flint

I'm confused after reading the release. Does this deal just with filters for the clients, or for everyone?

Sent from my iPad

On Oct 5, 2015, at 3:42 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Talked at length with Geralyn about this just now. Think is a good thing, and shows immediate follow up from action steps announced Friday. Added bonus is that it should be pretty easy for Flint clients and residents and have a “no wrong door” approach too just in case. Please see attached and below.

This is slated for distribution at 4 p.m. Need to hear if any concerns from anyone ASAP.

Otherwise, it's a go.

Thanks much,
SW

From: Lasher, Geralyn (DHHS)
Sent: Monday, October 05, 2015 3:19 PM
To: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Priest, Chris (GOV) <[PriestC1@michigan.gov](mailto: PriestC1@michigan.gov)>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>

Subject: Release on Flint

Importance: High

Attached is the draft release we would like to issue ASAP regarding the new plan for water filter distribution in the city of Flint.

At a meeting with multiple community partners today, our local MDHHS office realized they could do distribution from the 2 Flint offices as long as the local community action agency could assist them in storing the larger quantities of filters.

Locally, the groups will be issuing a press release from the local health department discussing distribution, but we feel it is important to also send this from MDHHS.

We are happy to discuss this with Ron Fonger if you want him to be the first press call we make once we issue it.

<Flint Filters Press Release 10515.pdf>

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Tuesday, October 06, 2015 8:34 AM
Subject: PRESS RELEASE: Kroger & Al Serra Water Donations
Attachments: Kroger & Al Serra Water Donation.pdf

For Immediate Release

Kroger Donates 19 Palettes of Bottled Water to Mayor Dayne Walling who Plans to Donate it to Flint Community Schools, Al Serra Auto Plaza to Hold Water Donation Drive to Help Flint Senior Centers

Flint, Michigan – October 6, 2015 – Mayor Dayne Walling has received a donation from Kroger grocers of 19 palettes of water to help those in the community struggling with water. The Mayor has in turn donated that water to the Flint Community Schools for distribution to students. In addition to the Kroger donation, Al Serra Auto Plaza of Grand Blanc has announced plans to hold a month long bottled water donation drive to collect water for distribution to Flint’s two Senior Centers as well as the Flint Community Schools. Details on that donation drive will be available at [Al Serra’s Facebook page](#) today.

“Our children are a top priority given the effects lead can have on their development,” said Mayor Walling. “Any bottled water donations we receive will be used for our children and other high risk groups, such as our seniors. We continue to recommend that residents follow the instructions of the Genesee County Health Department concerning lead in drinking water.”

The City has been working with local aid agencies to provide water relief to Flint residents. Last week the City worked with the United Way of Genesee County to provide residents with water tap filters and gave away over 3,000 of them on Saturday, October 3, 2015 at the UM-Flint Recreation Center. On Friday it also was announced by the State of Michigan that \$1 Million has been allocated to providing residents with water filters.

–END–

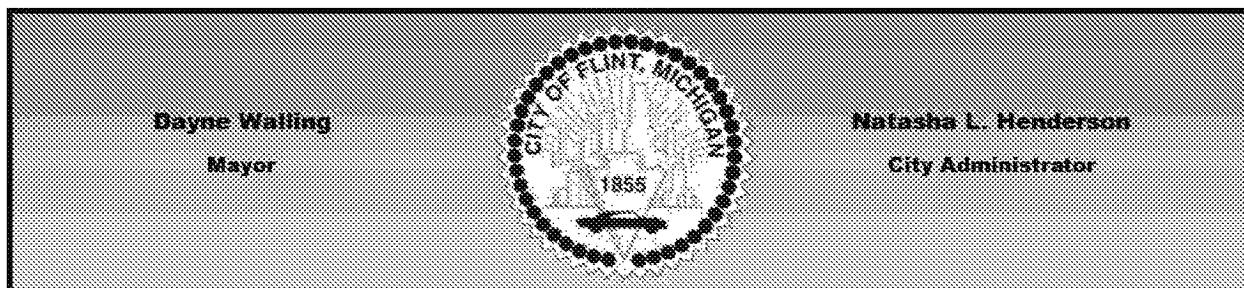
-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)

PPI

 (Cell)

jlorenz@cityofflint.com





Jason Lorenz
Public Information Officer

Office: (810) 237-2039

Cell: PPI

jlorenz@cityofflint.com

For Immediate Release

**Kroger Donates 19 Palettes of Bottled Water to Mayor Dayne Walling
who Plans to Donate it to Flint Community Schools, Al Serra Auto
Plaza to Hold Water Donation Drive to Help Flint Senior Centers**

Flint, Michigan – October 6, 2015 – Mayor Dayne Walling has received a donation from Kroger grocers of 19 palettes of water to help those in the community struggling with water. The Mayor has in turn donated that water to the Flint Community Schools for distribution to students. In addition to the Kroger donation, Al Serra Auto Plaza of Grand Blanc has announced plans to hold a month long bottled water donation drive to collect water for distribution to Flint's two Senior Centers as well as the Flint Community Schools. Details on that donation drive can be found at [Al Serra's Facebook page](#).

"Our children are a top priority given the effects lead can have on their development," said Mayor Walling. "Any bottled water donations we receive will be used for our children and other high risk groups, such as our seniors. We continue to recommend that residents follow the instructions of the Genesee County Health Department concerning lead in drinking water."

The City has been working with local aid agencies to provide water relief to Flint residents. Last week the City worked with the United Way of Genesee County to provide residents with water tap filters and gave away over 3,000 of them on Saturday, October 3, 2015 at the UM-Flint Recreation Center. On Friday it also was announced by the State of Michigan that \$1 Million has been allocated to providing residents with water filters.

–END–

From: Eisner, Jennifer (DHHS)
Sent: Tuesday, October 06, 2015 11:37 AM
To: Wurfel, Sara (GOV)
Cc: Lasher, GERALYN (DHHS); Minicuci, Angela (DHHS)
Subject: Fwd: Flint Water Filters

FYI

Sent from my iPhone

Begin forwarded message:

From: "Thompson, Sheryl D. (DHHS)" <ThompsonSZ@michigan.gov>
Date: October 6, 2015 at 11:33:56 AM EDT
To: "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>
Cc: "Lasher, GERALYN (DHHS)" <lasherg@michigan.gov>, "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>
Subject: Re: Flint Water Filters

Yes we are doing filter replacements. This is why we are verifying addresses and contact numbers in a database in addition to the types of water filters residents received.

I'm on my way back to Lippincott right now.

Sheryl Thompson
Deputy Director of Field Ops
517-241-5954

On Oct 6, 2015, at 11:31 AM, Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov> wrote:

Do we have an answer on this?

Sent from my iPhone

Begin forwarded message:

From: "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
Date: October 6, 2015 at 11:21:02 AM EDT
To: "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>
Subject: Fwd: Flint Water Filters

You taking these calls?

Sent from my iPhone

Begin forwarded message:

From: Stephanie Parkinson <sparkinson@sbgstv.com>
Date: October 6, 2015 at 11:04:15 AM EDT
To: "WurfelB@michigan.gov" <WurfelB@michigan.gov>
Subject: Flint Water Filters

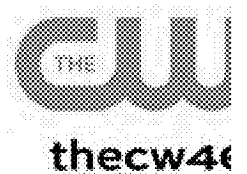
Brad,

We are being told the free water filters for people living in Flint must be replaced after 100 gallons. What happens after that, will there be replacement filters handed out when that need arises?

Thanks.

Stephanie Parkinson
Anchor/Reporter
NBC25
Flint, Michigan

Newsroom: 810-687-9600
Twitter: StephaniePNews



From: Duncan, Nancy (DTMB)
Sent: Wednesday, October 07, 2015 6:17 PM
Subject: Flint Water Summary for Governor
Attachments: City of Flint Water Funding Solution.pdf

Importance: High

Attached is a summary of the funding commitments to address the Flint Water situation. The total state commitment is \$10.4m; \$7.9m of that amount is GF/GP. [The DHHS number needs to be verified tomorrow morning, but the final number should be close to this estimate.]

The funding will address 4 priority areas:

1. Provision of filters for residential service;
2. 50% of the estimated cost to reconnect temporarily to the Detroit Water System;
3. Funding for testing water samples; and
4. Other state assistance (e.g., home/school/health facility inspections and follow-up for children with elevated blood levels).

We are preparing a formal supplemental request to transmit to the Legislature tomorrow. John intends to talk with Rep. Pscholka and Sen. Hildenbrand about including this funding in HB 4102, the pending supplemental bill now awaiting House concurrence. Assuming that they agree, we would ask for final action next week.

Please let me know if you have any questions or concerns about our planned approach.

Nancy

City of Flint Water - Funding Solution
State of Michigan Commitment

Agency	GF/GP	Gross	Comments
Filters:			
Health & Human Services	\$1,016,000	\$1,016,000	AY15 work project
Health & Human Services	\$0	\$1,000,000	DEQ State Restricted Settlement Funds provided to HHS Emergency Services local office (FY16 appropriation).
Subtotal Filters:	\$1,016,000	\$2,016,000	
Reconnect to DSW:			Reconnection costs ~\$1.3m/month x 9 mos. to be shared by state & Flint
Environmental Quality	\$5,000,000	\$6,000,000	DEQ State Restricted Settlement Fund of \$1m; balance GF/GP
Subtotal Reconnect:	\$5,000,000	\$6,000,000	
Testing Costs:			
Environmental Quality	\$1,000,000	\$1,000,000	Additional tests at state lab; cost per sample: \$26
Subtotal Testing:	\$1,000,000	\$1,000,000	
Additional Agency Support:			
LARA	\$0	\$200,000	Support for plumbing inspectors to do schools (public and parochial) and health facilities (hospitals, Long Term Care, etc.).
MSHDA	\$0	\$249,900	
Health & Human Services	\$600,000	\$600,000	Follow-up on children with elevated blood levels
Environmental Quality	\$300,000	\$300,000	Home and school inspections.
Subtotal Additional Support:	\$900,000	\$1,349,900	
ALL TOTAL	\$7,916,000	\$10,365,900	

From: Hollins, Harvey (GOV)
Sent: Wednesday, October 07, 2015 8:11 PM
To: Wurfel, Sara (GOV)
Subject: Re: URGENT review please -- Draft Flint water release

I just saw the email trail. Thanks Sara.

Best,
Harvey

On Oct 7, 2015, at 7:42 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

On the plus side, the original didn't come from me but noticed that you weren't on there.

Mayor just sent contact info -- making sure you got OK?

From: Hollins, Harvey (GOV)
Sent: Wednesday, October 07, 2015 7:30 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Re: URGENT review please -- Draft Flint water release

I thought was part of the team... :(Lol. I know your busy.

When the Mayor sends you the council's contact list, let me know.

Best,
Harvey

On Oct 7, 2015, at 7:17 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Looping in Harvey, Brad and Maggie here too ...

From: Biehl, Laura (GOV)
Sent: Wednesday, October 07, 2015 6:46 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Paciorek, Josh (GOV) <PaciorekJ@michigan.gov>; Lasher, GERALYN (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Posthumus, Dick (GOV) <PosthumusD@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Calley, Brian (GOV) <CalleyB@michigan.gov>; Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>
Subject: RE: URGENT review please -- Draft Flint water release

See new version attached. Small revisions made and placeholders added for Mayor and Mott Foundation Quotes.

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 6:12 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Paciorek, Josh (GOV) <PaciorekJ@michigan.gov>; Lasher, GERALYN (DHHS) <lasherG@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Posthumus, Dick (GOV) <PosthumusD@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Calley, Brian (GOV) <[REDACTED] PPI >; Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>
Subject: URGENT review please -- Draft Flint water release

Team,

Please review this draft press release for the Thursday announcement in Flint. This incorporates some suggested edits to the strong draft from DEQ earlier today.

Thank you very much.

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide a portion of the \$12 million needed to reconnect with the authority, with the Flint city government providing \$2 million and the Charles Stewart Mott Foundation donating \$4 million.

The Michigan Department of Health and Human Services and the Department of Environmental Quality today also committed an additional \$3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the

Great Lakes Water Authority is expected to cost about \$1.3 million per month until the Karegnondi Water Authority is completed next summer.

“All Flint residents need clean, safe drinking water,” Snyder said. “The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit’s willingness to reconnect with Flint, the Mott Foundation’s generous donation, and the dedication of all parties to come together to protect Flint families and children.”

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city’s problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead in water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations.

For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it’s as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools.

Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.


###

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

 PPI, mobile

Twitter: @michigandmurray

<image001.jpg>

From: Dillon, Andy (Treasury)
Sent: Tuesday, September 25, 2012 5:52 PM
To: Fraser, Roger (Treasury); Muchmore, Dennis (GOV); Rustem, William (GOV)
Cc: Stibitz, Brom (Treasury); Roberts, John (GOV)
Subject: Genesee Water Project - City of Flint

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Rick Hammel just called to find out if Flint will participate in this project. I think we owe it to the proponents to give them an answer. Concern I had/have was based on what the engineering firm Tucker Young told me, i.e., that all the costs were not put into the analysis that supported the project. I think we should ask Tucker Young to help us review the rationale and get one of our CPAs to crunch some numbers. I saw we recently hired TY and suspect they will do some preliminary analysis pro bono.

Dennis, I understand Dept of AG may support this project so we may consider having them at the table as we work through this.

Sent from my iPad

From: Workman, Wayne (TREASURY)
Sent: Monday, September 14, 2015 5:36 PM
To: Muchmore, Dennis (GOV); Saxton, Thomas (Treasury)
Subject: Fwd: Flint Water Request
Attachments: Flint Mayor Water Request.pdf; ATT00001.htm

We are talking at 4:00 Tuesday about their failure to timely appeal the Kincaid lawsuit. What is he thinking?

Sent from my iPad

Begin forwarded message:

From: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>
Date: September 14, 2015 at 5:07:02 PM EDT
To: "Roberts, John (DTMB)" <RobertsJ9@michigan.gov>
Cc: "Khouri, Nick (TREASURY)" <KhouriN@michigan.gov>, "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>, "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>, "Posthumus, Dick (GOV)" <Posthumusd@michigan.gov>, "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
Subject: FW: Flint Water Request

Great, we have a lot of money laying around...

From: Dayne Walling [<mailto:dwalling@cityofflint.com>]
Sent: Monday, September 14, 2015 4:17 PM
To: GovernorsOffice <PPI>; Snyder, Rick (GOV)
PPI
Cc: Joshua Freeman <jfreeman@cityofflint.com>; senjananich@senate.mi.gov; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Phil Phelps <philphelps@house.mi.gov>; SheldonNeeley@house.mi.gov; Hedman, Susan <Hedman.susan@epa.gov>; Natasha Henderson <nhenderson@cityofflint.com>
Subject: Flint Water Request

Dear Governor,

I am renewing my call for additional funding to address Flint's water challenges. While significant progress has been made, with the fiscal stress and pending lawsuits against the City, there is a gap in the funds necessary to meet the adopted capital improvement plan and to respond to new needs with lead pipes. Attached is a letter of request. I thank you in advance for your willingness to review.

Sincerely,
Mayor Walling

--

Dayne Walling
Mayor, City of Flint
City Hall, 1101 S. Saginaw St.
Flint, MI 48502

810-766-7346

mayor@cityofflint.com

www.cityofflint.com

follow me on twitter at <http://twitter.com/mayorwalling>



CITY OF FLINT

Dayne Walling

Mayor

September 14, 2015

The Honorable Rick Snyder
Governor, State of Michigan
P.O. Box 30013
Lansing, MI 48909

RE: Call for Additional Support for Flint Water Improvement Plan

Dear Governor Snyder:

On behalf of the Flint community, I am writing with a renewed request for additional support to address Flint's water challenges to ensure that water is affordable and secure for everyone in Flint especially our vulnerable populations. I am asking for an additional \$30 million in funds for Flint's infrastructure and a new healthy homes initiative.

Significant progress has been made throughout this year to increase water safety and quality and I thank you for the involvement of your office, the Michigan Department of Environmental Quality, and the Michigan Department of Treasury. A majority of items in the Water Improvement Plan are completed or underway. Most importantly, Flint is now in compliance with the Safe Drinking Water Act due in large part to the installation of the new carbon filter. The infrastructure systems are being made more secure and efficient through the State grants. Now the City is committed to following the recommendation of the Michigan Department of Environmental Quality to optimize the treatment process, reduce corrosion and further minimize risks from lead.

The need to accelerate the City's capital improvement investments remains and has been further increased by the continued financial stress and legal issues. Previously I requested support for replacement or forgiveness of payment to the Drinking Water Revolving Loan Fund due to Flint's status as a distressed community and the gap in funding in the adopted capital improvement plan. I understand that the existing federal law does not allow the existing Drinking Water Revolving Loans that Flint is carrying to be forgiven in retrospect but the need still exists. Flint owes approximately \$20 Million. One solution is for the State to grant a new \$20 Million that is designed as forgivable from the start. Another solution is to provide

The Honorable Rick Snyder
September 14, 2015
Page 2

equivalent funding through an expansion of the grant program to Michigan's Financially Distressed Cities, Villages and Townships with a supplemental budget amendment in cooperation with the State Legislature.

The community's heightened concern about lead leeching into the water from old service lines and home plumbing also needs to be addressed. We know that lead is an environmental contaminant and there have been many programs in place over the years to address sources in paint and pipes. Flint needs a new healthy homes initiative specifically focused on lead in water with \$10 Million to start the process of replacing service lines for the most vulnerable households. Regardless of the source and treatment of Flint's water, this long term threat of lead in pipes needs to be removed in the interest of public health.

My approach continues to be to work with you and your appointed officials, State Senator Ananich, State Representatives Phelps and Neeley, Congressman Kildee, community groups, businesses, churches, foundations, the Flint City Council, and all of the City of Flint and State and Federal government personnel. We need every available expert and resource to address Flint's water problems.

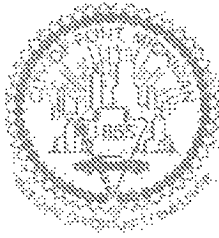
Flint's safety is my top priority. Just as the City and State have worked together on public safety, we need additional support for fixing the water problems. We need \$30 Million in new funds to repair and update the city-wide infrastructure and to assist households in becoming lead-free. The entire Flint community deserves sustainable, safe, secure and affordable water now and into the future. Thank you for the consideration Governor and I look forward to future discussions.

Sincerely,



Dayne Walling
Mayor, City of Flint

CC: Flint City Council President Joshua Freeman; Congressman Dan Kildee; State Senator Jim Ananich; State Representative Sheldon Neeley; State Representative Phil Phelps; EPA Regional Administrator Dr. Susan Hedman; Chief of Staff Dennis Muchmore



CITY OF FLINT

Dayne Walling
Mayor

January 18, 2015

The Honorable Rick Snyder
Governor, State of Michigan
P.O. Box 30013
Lansing, MI 48909

RE: Flint Water Improvement Plan

Dear Governor Snyder:

On behalf of the Flint community, I am writing to convey serious concerns about water quality and to request your support for my proposed Flint Water Improvement Plan. Access to safe and clean water is a basic human right, and, therefore, policy and budget decisions need to ensure that water is affordable and secure for everyone in Flint and all across Michigan. It is essential there is City, State and Federal cooperation to address the challenges here and to meet the needs of vulnerable populations.

The Flint Water Improvement Plan is focused in five areas: safety, quality, access, investment and education. The plan puts safety and quality first because this is fundamental. It is designed to be a sustainable solution for the City of Flint and the community as we move towards a new permanent water supply from Lake Huron through the Karegnondi Water Authority. My plan offers new ideas and also builds on successful models of utility, energy and assistance programs at the State and Federal levels.

Safety & Quality

- * 100% Safety is the standard
- * City of Flint reports testing data to the public to assure safety and expands testing sites and frequency
- * Bring on experienced river water treatment operational management in the City of Flint

Access

- * Announce an amnesty program for Flint water service turn-ons and reduce the turn-on fee
- * Develop a revised affordable payment plan policy to encourage customers to return
- * Design Federal and State partnership to establish new Drinking Water Emergency Assistance Fund for the elderly and vulnerable families

Investment

- * Accelerate water system improvements outlined in the City of Flint Capital Improvement Plan through Federal and State Investments
 - o State approves City of Flint's Distressed Cities Fund applications

- Federal and State support for replacement or forgiveness of payment to the Drinking Water Revolving Loan Fund due to Flint's status as a distressed community
- Federal and State grants for infrastructure improvements in alignment with the Flint Master Plan.
- City Water Department implements budgeted FY15 projects including leak detection, valve repairs, new pipes and meter replacements

Education

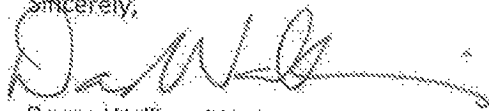
- Develop a community partnership with universities to provide household and business customers with information on testing and conservation
- Ongoing partnership with Michigan Department of Human Services, United Way, Salvation Army and community organizations to provide information and water assistance with the Keep the Water Flowing Fund and support services
- Expand youth energy initiative to assist households with conservation and efficiency (piloted in summer 2014 with Northwestern High School students, EcoWorks and Consumers Energy)

It is also critical to restore the public confidence in Flint Water. The implementation of this plan must be accompanied by extensive community engagement including local elected officials. My objective is to work with you and your appointed officials, State Senator Ananich, State Representatives Phelps and Neeley, Congressman Kildee, community groups, businesses, churches, foundations, the Flint City Council, and all of the City of Flint and government personnel.

It is imperative that we communicate better and provide residents more information. I understand representatives from the Michigan Department of Environmental Quality will be joining a public forum this week at City Hall. This engagement going forward is vital so thank you for supporting their efforts. I think this issue of transparency is important for communities all across the State. I recommend a review of the applicable laws and policies and, at a minimum, a new requirement that water testing data be reported publicly no less than quarterly by law in all Michigan communities in Flint's population category.

Thank you for the consideration Governor. There is nothing more important in Flint right now than fixing the water problems. We must work together to identify funds to repair and update the water treatment facilities and city-wide infrastructure and to help those persons without access to clean water so that the entire Flint community has sustainable, safe, secure and affordable water now and into the future. This is an important issue for the state of our State of Michigan and I urge you to work with us to implement solutions.

Sincerely,



Dayne Walling, Mayor
City of Flint

CC: Flint City Council President Joshua Freeman; Congressman Dan Kildee; State Senator Jim Ananich; State Representative Sheldon Neeley; State Representative Phil Phelps; Flint Emergency Manager Jerry Ambrose.

From: Saxton, Thomas (Treasury)
Sent: Monday, October 05, 2015 6:51 PM
To: Muchmore, Dennis (GOV); Wurfel, Brad (DEQ)
Subject: Fwd: FOIA request from ACLU
Attachments: guyette(aclu).pdf; ATT00001.htm

just fyi... you may have already heard

Begin forwarded message:

From: "Robert, Carla M. (Treasury)" <RobertC@michigan.gov>
Date: October 5, 2015 at 4:59:09 PM EDT
To: "Koryzno, Edward (Treasury)" <KoryznoE@michigan.gov>, "Schafer, Suzanne K. (Treasury)" <SchaferS7@michigan.gov>, "Byrne, Randall (Treasury)" <ByrneR1@michigan.gov>, "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>, "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>
Cc: "Dempkowski, Angela (Treasury)" <DempkowskiA@michigan.gov>, "Pleyte, Beth (Treasury)" <PleyteB@michigan.gov>, "Lamphier, Wendy (Treasury)" <LAMPHIERW@michigan.gov>
Subject: FOIA request from ACLU

We have now received a FOIA request from Curt Guyette with ACLU regarding using the Flint River as a source of municipal drinking water. This request is much more extensive than the previous request from Rep. Phil Phelps, which we denied as he was only asking for applications, permits or waivers to use the Flint River. In that request we indicated that Treasury did not have any such records and referred him to DEQ. However, this request is somewhat broader. The actual request is attached, but here is what he is asking for:

Under the provisions of Michigan's Freedom of Information Act, I respectfully request that the Michigan Department of Treasury, or its agents, provide me with the following records, documents and any other related materials covering the period from Jan. 1, 2011 to June 30, 2014:

- (1) All reports, studies, analyses, memoranda, and similar records evaluating the suitability and/or feasibility of using the Flint River as a source of municipal drinking water.**
- (2) All reports, studies, analyses, memoranda and similar records that include evaluations of the economic impact of using the Flint River as a source of municipal drinking water.**
- (3) All documents, reports, memoranda and similar records involving permit applications and waivers related to the use of the Flint River as a municipal water source.**

- (4) All communications, including but not limited to electronic communications, sent and received by the Michigan Department of Treasury, or its agents, related the use or potential use of the Flint River as a municipal water source and/or the water quality of the Flint River. Included in this request are all communications containing information, comments and opinions about the use of the Flint River as a municipal water source, the economic impact of using the Flint River as a municipal water source as well as communications related to any permitting process involving the Flint River. This request for communications includes, but is not limited to, all communications with any elected or appointed government officials; and any unit of municipal, county, state or federal government regarding or related to items (1), (2) and (3) listed above.**

Randy: I know you have already checked your records (in response to the Phelps request) and provided some to me. However, due to the fact that this request is different than the previous request, please let me know if there are any additional records which you may not have previously provided.

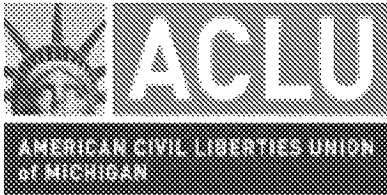
Wendy: I believe you already performed a search of e-mails belonging to Andy Dillon, Kevin Clinton, Brom Stibitz, and Ashley Gelisse. Again, let me know if you think there are any additional records.

I do not believe I have received records from anyone else yet.

Please note that he is only asking for records from January 1, 2011 to June 30, 2014.

Let me know if you have any questions. Thanks.

Carla
(51200)



ACLU/ACLU Fund of Michigan

State Headquarters
2966 Woodward
Avenue
Detroit, MI 48201
Phone 313.578.6800
Fax 313.578.6811
E-mail
aclu@aclumich.org
www.aclumich.org

Legislative Office
115 West Allegan Street
Lansing, MI 48933
Phone 517.372.8503
Fax 517.372.5121
E-mail
aclu@aclumich.org
www.aclumich.org

**West Michigan Regional
Office**
1514 Wealthy SE, Suite 242
Grand Rapids, MI 49506
Phone 616.301.0930
Fax 616.301.0640
Email aclu@aclumich.org
www.aclumich.org

Sept. 29, 2015

FOIA Coordinator
Michigan Department of Treasury
P.O. Box 30716
Lansing, MI 48909

To Whom It May Concern,

Under the provisions of Michigan's Freedom of Information Act, I respectfully request that the Michigan Department of Treasury, or its agents, provide me with the following records, documents and any other related materials covering the period from Jan. 1, 2011 to June 30, 2014:

- (1) All reports, studies, analyses, memoranda, and similar records evaluating the suitability and/or feasibility of using the Flint River as a source of municipal drinking water.
- (2) All reports, studies, analyses, memoranda and similar records that include evaluations of the economic impact of using the Flint River as a source of municipal drinking water.
- (3) All documents, reports, memoranda and similar records involving permit applications and waivers related to the use of the Flint River as a municipal water source.
- (4) All communications, including but not limited to electronic communications, sent and received by the Michigan Department of Treasury, or its agents, related the use or potential use of the Flint River as a municipal water source and/or the water quality of the Flint River. Included in this request are all communications containing information, comments and opinions about the use of the Flint River as a municipal water source, the economic impact of using the Flint River as a municipal water source as well as communications related to any permitting process involving the Flint River. This request for communications includes, but is not limited to, all communications with any elected or appointed government officials; and any unit of municipal, county, state or federal government regarding or related to items (1), (2) and (3) listed above.

Exempt Records

Should you decide to invoke a FOIA exemption as the basis for withholding any record responsive to this request, please include in your full or partial denial letter sufficient information for the ACLU of Michigan to appeal the denial pursuant to MCL 15.235(4)(a). To comply with legal requirements, the following information must be included:

1. Basic factual material about each withheld item, including the originator, date, length, general subject matter, and location of each item; and
2. Explanations and justifications for denial, including the identification of the category within the governing statutory provision under which the document (or portion thereof) was withheld and a full explanation of how each exemption fits the withheld material.

If you determine that portions of a record requested are exempt from disclosure, please redact the exempt portions and provide the remainder of the record to the ACLU of Michigan.

Format of Records Requested

To reduce or avoid the costs and labor of printing and/or photocopying records, we request that records be provided in electronic format wherever possible if that is the least-costly option, including but not limited to records that are stored or maintained in electronic format. We will provide a USB drive or other media storage device for the records at our expense if requested.

Fee Waiver Request

The ACLU of Michigan requests that you waive all fees in connection with this request as provided by MCL 15.234(1) (waiver of fee is appropriate where search for and provision of copies of the public record can be considered as primarily benefiting the general public). The ACLU of Michigan will use the information to contribute significantly to public understanding of water issues in Flint. The ACLU of Michigan will make all records received available to the public. The ACLU of Michigan is a non-profit organization registered as a charitable organization in Michigan, with no commercial interest in obtaining the requested information.

Willingness to Pay Fees Under Protest

While a fee waiver should be granted for the reasons set forth above, the ACLU of Michigan is seeking these records regardless of the MDEQ's ultimate decision on the fee waiver request. The ACLU of Michigan thus is willing to pay fees in keeping with the applicable statutory and regulatory requirements, if necessary and under protest, to enable the timely delivery of the records. Fees must be limited to actual costs of labor and copying, and the means for copying must be the most economical

available. MCL 15.234(1) and (3). Furthermore, fees may only be assessed based on procedures and guidelines published by the MDEQ. Id. at (3).

Please notify me if costs exceed \$500.

Record Delivery

Pursuant to MCL 15.232(2), we expect a response to this request within 5 business days. We request the MEDQ, in responding to this request, to comply with all relevant deadlines and other obligations set forth in the Michigan FOIA. To reduce or avoid the costs and labor of printing and/or photocopying records, if it is the most cost-effective way we request that records be provided in electronic format wherever possible, including but not limited to records that are stored or maintained in electronic format. We will provide a USB drive or other media storage device for the records at our expense.

Please produce the requested records on a rolling basis; at no point should the search for – or deliberation concerning – certain records delay the production of others that the Michigan Department of Treasury has already retrieved and elected to produce.

Please contact me so that I can pick obtain these records as soon as possible. If you find that this request is unclear in any way please contact me immediately so I can clarify the request or otherwise expedite and simplify your efforts to comply.

Sincerely,

Curt Guyette
Investigative Reporter
ACLU of Michigan
2966 Woodward Ave.
Detroit, MI 48201
Phone: 313-578-6834
Fax: 313-578-6811
Email: cguyette@aclumich.org

From: Workman, Wayne (TREASURY)
Sent: Wednesday, March 18, 2015 7:57 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Cc: Saxton, Thomas (Treasury)
Subject: FW: We made the tight choice to leave...and not go back!
Attachments: image.jpg

FYI

From: Jerry Ambrose [<mailto:gambrose49@gmail.com>]
Sent: Wednesday, March 18, 2015 7:15 AM
To: Workman, Wayne (TREASURY)
Subject: We made the tight choice to leave...and not go back!

Genesee County water rates could go up 16 percent following Detroit increase

GENESEE COUNTY, MI -- People in communities that get water from Detroit could see their costs climb as much as 16 percent as soon as this summer, said Genesee County Drain Commissioner Jeff Wright. The Detroit Water and Sewerage Department board last week approved [Read More](http://www.mlive.com/news/flint/index.ssf/2015/03/genesee_county_water_rates_cou.html)
http://www.mlive.com/news/flint/index.ssf/2015/03/genesee_county_water_rates_cou.html

From: Baird, Richard (GOV)
Sent: Wednesday, February 04, 2015 4:31 PM
To: Muchmore, Dennis (GOV); Darnell Early
Subject: Fwd: Re: Flint - Random Thought

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Daddow, Robert" <daddowr@oakgov.com>

Date: Jan 31, 2015 9:13 AM

Subject: Re: Flint - Random Thought

To: Sue McCormick <mccormick@dwsd.org>

Cc: "poissong@oakgov.com" <poissong@oakgov.com>, "Baird, Richard (GOV)" <bairdr@michigan.gov>, Nicolette Bateson <bateson@dwsd.org>

At a recent public hearing at SEMCOG and in at least one document I've seen since, the quote was that Flint had been paying \$12.5 million annually. Your letter to Flint offers \$847K monthly - or, \$10.2M. Is the differential the break you are referencing below and if so, it appears DWSO has already provided them a deal?

----- Original message -----

>Date: Fri, 30 Jan 2015 18:25:22 -0500 (EST)

>From: Sue McCormick <mccormick@dwsd.org>

>Subject: Re: Flint - Random Thought

>To: Robert Daddow <daddowr@oakgov.com>

>Cc: poissong@oakgov.com,"Richard Baird (GOV)" <bairdr@michigan.gov>,Nicolette Bateson <bateson@dwsd.org>

>

> The rate we offered Flint is a bit different than
> what we calculate for our contract customers. We
> adjusted the rate of return to reflect the short
> term, terminated contract status. In other words,
> the outstanding investment, that we made to serve
> Flint somewhat recently, will not be recovered
> without a long term contract. This differential
> rate of return is now being utilized by Genesee
> County who was served through the Flint contract, so
> add to the the additional complications. If we want
> to get to a lower rate for emergency 'short term'
> service, we can evaluate our options - but we would
> have to differentiate it somehow from Genesee or
> have additional revenue loss or legal exposure there
> and without a questions there will be huge political
> issues with our other customers.

>

> Sue F. McCormick, Director
> Detroit Water and Sewerage Department
> 735 Randolph, Room 506
> Detroit, Michigan 48226
> Office (313)224-4701
> Fax (313)224-6067
> McCormic@dwsd.org

>

> -----

>

> From: "Robert Daddow" <daddowr@oakgov.com>
> To: "Sue McCormick" <mccormick@dwsd.org>, "Nicolette
> Bateson" <bateson@dwsd.org>
> Cc: poissong@oakgov.com, "Richard 'Baird (GOV)'"
> <bairdr@michigan.gov>
> Sent: Friday, January 30, 2015 5:40:16 PM
> Subject: Flint - Random Thought

>
> Sue / Nikki – today I chatted with Rich Baird on
> the Flint matter given that they continue to have
> on-going water quality problems. Numerous articles
> are being written on this matter and I suspect it is
> getting a bit tense in Flint over this critical
> issue. They are balking at the cost of the DWSD
> water – which I understand may be a bit more
> expensive for them simply because of the distance
> and elevation – completely understandable. The
> attached letters indicate \$847K per month at a
> standard commodity rate (which I now am beginning to
> realize is one of the volume flow issues giving rise
> to the situation we are in with all communities; but
> we'll leave that alone for the moment).

>
>
>
> The attached letter suggest that they can re-connect
> to the DWSD using the same rates offered to other
> communities through June 30, 2015. This seems fair
> and would not exacerbate the already sensitive issue
> of the sizable rate increases the suburban and
> retail customers are now facing. Notwithstanding
> that matter, Mr. Baird inquired of some means of
> lowering the rate to encourage Flint to return to
> the DWSD fold on a marginal costing approach that
> covers some portion of the fixed costs but may be
> slightly lower than the amount offered in the
> letter.

>
>
>
> The optics of this matter to the suburban customers
> now facing a 9% to 14% rate increases are
> troublesome (sans any provision for the balance
> sheet issues and with little or no provision for the
> Detroit retail customers likely collection issues
> arising from these rate increases – which is going
> to make this summer even more troublesome when the
> shut offs start circa March / April). How can a
> reduction occur in the Flint rate covering fixed
> costs such that additional volumes actually would
> serve to reduce what would otherwise be the present
> proposals on the table? Theoretically, it can be
> justified but it is steeped in cost accounting but
> if we can't seem to differentiate 'rates'
> versus 'revenue requirement' how the heck can we
> justify something even more complicated to the
> residents or suburban customers? Perhaps I have
> answered my own question – it might be able to
> done and prove to be beneficial, but politically its
> DOA. The political barrier seems to be too high a
> hurdle – and the approach already taken of

> offering to reconnect at the rates and flow
> previously charged is the only rational approach
> possible without sending what is already a very
> sensitive public off the deep end.
>
>
>
>
> Just musing on a Friday afternoon, but I think I
> answered the question that Rich and I chatted about
> in the last part of the paragraph above.
>
>
>
> *_*_*_*_*_*_*_*_*_*_*
> DWSD - Email Filter
> EMT Rule: Message Allowed
> *_*_*_*_*_*_*_*_*_*_*

From: Workman, Wayne (TREASURY)
Sent: Wednesday, February 04, 2015 6:35 PM
To: Muchmore, Dennis (GOV)
Cc: Saxton, Thomas (Treasury)
Subject: Re: Flint Meeting

Follow Up Flag: Follow up
Flag Status: Flagged

We can get all old rate and the new rate info. No matter what rates have to go up every year to maintain and replace an 80 old system serving half the people it did 25 years ago. We also have the E&Y study confirming that rates must continue upward if there is to be a reasonable capital plan. There is money saved by separating from DWSD. It is all invested upgrading the plant to connect to KWA. There are permanent long term savings with KWA. If they don't do that they would have had to borrow or have more rate increases. Please confirm exactly what information you want so staff compiles what you need. I will get them ready to work on it first thing Thursday. Wayne. PS what DWSD said when came to Flint was not what was in their letter. The letter said long term commitment back to DWSD and Sue McCormick verbally said that's not what they meant.

Sent from my iPad

On Feb 4, 2015, at 6:03 PM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:

If we just could compare the old rates vs. the new Flint River rates it would help immensely. I think we can do something here that the ministers would like.

From: Saxton, Thomas (Treasury)
Sent: Wednesday, February 04, 2015 5:26 PM
To: Muchmore, Dennis (GOV)
Cc: Workman, Wayne (TREASURY)
Subject: RE: Flint Meeting

My plan is to talk to Jerry A. et al. I don't have that old cost & rate info for Flint in my head. At the time it was more of Andy's gig but we will get it. I will check too as to what they (the City) think of the rfp response for that water consultant i.e., if it is actually going to add value. And don't forget about that loan restructuring; that is about another \$2mm+ that could be used to replace bad lines.

From: Muchmore, Dennis (GOV)
Sent: Wednesday, February 04, 2015 4:53 PM
To: Saxton, Thomas (Treasury)
Subject: Flint Meeting

So, just so I understand, the rates went up from the Detroit rates when they went to the Flint River? If that is true I'd be pissed also. We probably need an accounting of this water issue. Costs to date, old rate v. today's rate, any new hook charges, etc.

In a discussion about this with Rich, he recited a conversation with Daddow in which Daddow said that the \$847,000 a month is a reduction from their previous rate. Daddow had no objection to a shorter term fix as it would mitigate some of the costs that were to be added to the water charges at GLWA for present customers for a year and a half which Bob seemed to think made sense.

I asked him to review with Daddow this whole thing and see if they could be rehooked for 15 months or so.

Dennis C. Muchmore

Chief of Staff

Governor Rick Snyder, Michigan

517-241-5601

<image001.jpg>

STAY CONNECTED:

<image002.gif> <image003.gif> <image004.gif> <image005.gif>

From: Baird, Richard (GOV)
Sent: Thursday, February 05, 2015 9:29 AM
To: Muchmore, Dennis (GOV)
Subject: Fwd: RE: Flint - Random Thought DWSD

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Daddow, Robert" <daddowr@oakgov.com>
Date: Feb 5, 2015 8:14 AM
Subject: RE: Flint - Random Thought DWSD
To: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Cc:

A resend in response to the separate email you sent out last night on the DWSD response. Given that they have already reduced the annual cost from the \$12.5M range to \$10.5M range -- even as the DWSD Board of Water Commissioners is about to raise the rates substantially for the coming fiscal year -- the offer to Flint was reduced. Frankly, this alone would excite the locals. So far I have been requested to speak at no less than five local units' boards / councils and / or have working group sessions / meetings with City officials on DWSD. It is right now a very sensitive subject even as it has not gotten the media attention it will in the coming weeks. With the exception of a presentation I accepted no less than 4 months ago, I have turned them down or made arrangements to have DWSD -- the folks actually in charge right now -- to present. In the coming weeks, this is going to become the issue du jour.

And, even as there were two courses of action on the use of a base (FY-2015 operating budget know to have flaws or the tender offer projections representing a forecast revised for matters not addressed formally by the BOWC through budget amendments) remains an open issue. A recently discovered timing issue in the contracts (namely, that the 'detailed rates' had to be provided to the locals at least 30 days advance of approval -- and why they didn't know this in a contract they have been working on for eons is beyond me) may have resulted in the DWSD management determining the base outside even a public discussion of the BOWC or the Authority Board. The base issue is the cause of the range of the water rates being either 9% or 14% - and has a significant impact on the feasibility as described in the MOU. The more and more I learn, the less and less I want to know.

From: Sue McCormick [mailto:mccormick@dwdsd.org]
Sent: Friday, January 30, 2015 6:25 PM
To: Robert Daddow
Cc: poissong@oakgov.com; Richard 'Baird (GOV)'; Nicolette Bateson
Subject: Re: Flint - Random Thought DWSD

The rate we offered Flint is a bit different than what we calculate for our contract customers. We adjusted the rate of return to reflect the short term, terminated contract status. In other words, the outstanding investment, that we made to serve Flint somewhat recently, will not be recovered without a long term contract. This differential rate of return is now being utilized by Genesee County who was served through the Flint contract, so add to the the additional complications. If we want to get to a lower rate for emergency 'short term' service, we can evaluate our options - but we would have to differentiate it somehow from Genesee or have additional revenue loss or legal exposure there and without a questions there will be huge political issues with our other customers.

Sue F. McCormick, Director
Detroit Water and Sewerage Department

735 Randolph, Room 506
Detroit, Michigan 48226
Office (313)224-4701
Fax (313)224-6067
McCormic@dwsd.org

From: "Robert Daddow" <rdaddowr@oakgov.com>
To: "Sue McCormick" <mccormick@dwsd.org>, "Nicolette Bateson" <bateson@dwsd.org>
Cc: poissong@oakgov.com, "Richard 'Baird (GOV)'" <bairdr@michigan.gov>
Sent: Friday, January 30, 2015 5:40:16 PM
Subject: Flint - Random Thought

Sue / Nikki – today I chatted with Rich Baird on the Flint matter given that they continue to have on-going water quality problems. Numerous articles are being written on this matter and I suspect it is getting a bit tense in Flint over this critical issue. They are balking at the cost of the DWSD water – which I understand may be a bit more expensive for them simply because of the distance and elevation – completely understandable. The attached letters indicate \$847K per month at a standard commodity rate (which I now am beginning to realize is one of the volume flow issues giving rise to the situation we are in with all communities; but we'll leave that alone for the moment).

The attached letter suggest that they can re-connect to the DWSD using the same rates offered to other communities through June 30, 2015. This seems fair and would not exacerbate the already sensitive issue of the sizable rate increases the suburban and retail customers are now facing. Notwithstanding that matter, Mr. Baird inquired of some means of lowering the rate to encourage Flint to return to the DWSD fold on a marginal costing approach that covers some portion of the fixed costs but may be slightly lower than the amount offered in the letter.

The optics of this matter to the suburban customers now facing a 9% to 14% rate increases are troublesome (sans any provision for the balance sheet issues and with little or no provision for the Detroit retail customers likely collection issues arising from these rate increases – which is going to make this summer even more troublesome when the shut offs start circa March / April). How can a reduction occur in the Flint rate covering fixed costs such that additional volumes actually would serve to reduce what would otherwise be the present proposals on the table? Theoretically, it can be justified but it is steeped in cost accounting but if we can't seem to differentiate 'rates' versus 'revenue requirement' how the heck can we justify something even more complicated to the residents or suburban customers? Perhaps I have answered my own question – it might be able to done and prove to be beneficial, but politically its DOA. The political barrier seems to be too high a hurdle – and the approach already taken of offering to reconnect at the rates and flow previously charged is the only rational approach possible without sending what is already a very sensitive public off the deep end.

Just musing on a Friday afternoon, but I think I answered the question that Rich and I chatted about in the last part of the paragraph above.

*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_**

DWSD - Email Filter

EMT Rule: Message Allowed

*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*

From: Baird, Richard (GOV)
Sent: Friday, February 13, 2015 1:57 PM
To: Bob Daddow; Muchmore, Dennis (GOV)
Subject: RE: Flint

Thanks Bob. Dennis & Me too!

Sent from my Verizon Wireless 4G LTE DROID

On Feb 13, 2015 12:54 PM, "Daddow, Robert" <daddowr@oakgov.com> wrote:
Stay tuned. I could be rebuffed but I'd like to hear there retort as to why not. RID

From: Robert Daddow [mailto:daddowr@oakgov.com]
Sent: Friday, February 13, 2015 1:53 PM
To: 'Bart Foster'; 'Nicolette Bateson'; jfausone@fb-firm.com; 'Sue McCormick'
Cc: Brian Baker (bbaker@sterling-heights.net)
Subject: RE: Flint
Importance: High

Guys -- I think we can craft a win here. In talking with Rich Baird, who has been working with Flint on this matter along with Dennis Muchmore from the Governor's staff, apparently Flint is consider this but is choking a bit on the amount to be billed. While I recognize that this amount is based on the prior contract, we are in a unique position over the next two weeks or so and before the BOWC takes action on the rates, budget, CIP and other related efforts on March 11th (formally March 4th). The win would be solving the water problem in Flint (generally agreed that this is there issue and comes from a poor decision to remove themselves from the DWSD's quality water product), serving to reduce the FY-2016 suburban water rates already now in the public by perhaps 2% to 3%, and help to tamp down the media frenzy on this matter. It also demonstrates that flow is part of the problem -- DWSD adds flow, rates go down.

Right now, no one wins with Flint off the system -- the rates for water remain at 11% for suburban wholesale, Flint has bad water and the press for both of us continues on this matter, along with the rate media issues.

Here is what I propose. Drop the monthly rate for a defined period of time -- they need a 15 month period. So let's drop the rate by say \$50K monthly and make it a rate of \$800K / month, fixed. In doing so, I suspect that the 11% rate can be dropped to roughly 8.5% to 9% (subject the Foster Group's more detailed analysis) -- which show the public good faith. Then, if they go past the 15 month time frame, we can add costs on the rate at a semi-punitive approach - \$850K \$875K or more.

I believe that there is a win / win here. If the proposal is not acceptable, then I'd like to hear an alternative if at all possible -- particularly since th3e 11% isn't selling well in the media, given the misinformation out there in the public. RID

From: Bart Foster [mailto:bfoster@fostergrouplic.com]
Sent: Thursday, February 12, 2015 10:33 PM
To: Robert Daddow
Cc: Nicolette Bateson
Subject: Re: Flint

Actually, my quick take is about 8%.

Some background:

When Flint left, the annual revenue profile for the Water System was initially reduced by \$12.5 million. However, we immediately recalculated the rate for Genesee County (recognizing their higher demands), to effectively “claw back” about \$2 million of the reduction, so the net Flint impact is ~ \$10.5 million, or just under 2.5% of the (reduced) Water System rate revenue. Assuming that same amount could be replaced, and all else being equal, the “system rate increase” could be reduced by about 3 percent, with a bit more of the reduction occurring in the suburban wholesale rate structure. Safe to say that (again, absent any other changes) the average suburban water rate increase would be closer to 8 percent compared to the current 11.1%.

Hope this helps . . .

--

Bart Foster

President

THE FOSTER GROUP

(913) 345-1410

(913) 345-1640 fax

PPI cell

bfoster@fostergroupllc.com <<mailto:bfoster@fostergroupllc.com>>

Please note that the information in this message along with any attachments are intended for the exclusive use of the addressee and may contain confidential or privileged information. If you are not the intended recipient, please do not forward, copy or print the message or its attachments: notify me at the above address and delete this message and any attachments.

Thank you.

On Feb 12, 2015, at 7:02 PM, Bart Foster <bfoster@fostergroupllc.com> wrote:

Bob - in transit but will review and reply this evening.

Sent from my iPhone

On Feb 12, 2015, at 3:44 PM, Daddow, Robert <daddowr@oakgov.com> wrote:

Nikki / Bart – don’t need a hard and fast number on this. However, it would seem to me that in a fixed cost system such as water, if Flint were to be hooked up again at the \$847K / month cited in Ms. McCormick’s January 12th memorandum and after the release of the rates yesterday, bringing Flint back would – on a marginal cost basis – serve to mitigate the wholesale (suburban) customer rate increase of 11.1% cited in yesterday’s presentation. Without going into a whole lot of detailed calculations (unless necessary), what would the impact of the inclusion of Flint starting say on July 1, 2015 (hypothetical date) be on the rate increase presently now in the public? A revised increase of what – 10.6% - looking for a high level sensitivity analysis here. Can you help? RJD

From: Saxton, Thomas (Treasury)
Sent: Thursday, February 19, 2015 6:04 PM
To: Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Subject: Fwd: Flint

Sent from my iPhone

Begin forwarded message:

From: "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>
Date: February 19, 2015 at 5:30:59 AM EST
To: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>
Cc: "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>, "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
Subject: Re: Flint

I traded calls yesterday with Bob D. And talked to Jerry A. My intent was to get the 3 of us on the phone to resolve any confusion, etc on ongoing questions relating to Flint hooking back up with DWSD. I will try again today.

But again, unless I am missing something (which has been known to happen); going back to DWSD represents (lets say in round \$s) \$10mm in net add'l costs to the Flint system. There is no money to pay that other than raising rates to customers. The calculations show that would be an approx 30% increase in rates.

Momentarily, I will forward a preliminary analysis/presentation from the City's newly hired consultant. I just blasted thru the document but it seems to say that reconnecting with DWSD will not necessarily cure the issues that they are currently dealing with e.g., discoloration, TTHM.

On Feb 18, 2015, at 10:03 AM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:

This train is leaving and we'll be holding the bag if we don't work out a deal on DWSD for Flint.

Begin forwarded message:

From: "Baird, Richard (GOV)"
<bairdr@michigan.gov<<mailto:bairdr@michigan.gov>>>
To: "Muchmore, Dennis (GOV)"
<muchmored@michigan.gov<<mailto:muchmored@michigan.gov>>>

Subject: Fwd: FW: Flint

Need to bring this to ground today if we can.

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Daddow, Robert"

<daddowr@oakgov.com<mailto:daddowr@oakgov.com>>

Date: Feb 17, 2015 9:05 AM

Subject: FW: Flint

To: "Baird, Richard (GOV)"

<bairdr@michigan.gov<mailto:bairdr@michigan.gov>>

Cc:

Rich - it takes two to negotiate and Flint representatives are not at the table. In fact, they are actively trying to avoid even considering this as an alternative course of action. Me - what I'd be doing is a dual track; if the local solution fails, I'd have the second option to fall back on. But, heh, that is just me. They are over 21, have been elected to represent their residents / commercial entities and therefore are responsible for their actions - to the same people who put them there.

While I'd like to pick up a few percentage point reduction in the water rate increases for the retention of Flint, it would be short-term anyway. If we don't have a willing partner on that side, then it can only lead to further distractions from a DWSD management already stressed in dealing with the transition, normal business, and the new Financial Review Board / two policy boards that they are reporting to.

-----Original Message-----

From: Robert Daddow [<mailto:daddowr@oakgov.com>]

Sent: Tuesday, February 17, 2015 9:01 AM

To: 'Nicolette Bateson'

Cc: 'Brian Baker'; 'Bart Foster'; 'jfausone@fb-firm.com<<mailto:jfausone@fb-firm.com>>'; 'Sue McCormick'; 'William Wolfson'

Subject: RE: Flint

Yesterday, I received a voice mail from R. Baird (still have not connected) that indicated that the City is actively working to resolve the water matter so as to avoid connecting to the DWSD. Veolia is assisting in this matter and will be issuing a report shortly. Nikki shared the above article that provides additional guidance as well.

The voice mail from Mr. Baird indicated that the City is saving a fair amount of dollars in treating the water locally - albeit notwithstanding the known quality issues. The difference between DWSD and Flint treated water is helping to remediate other fiscal issues (potentially capital and operating) as the rates charged to the residents / commercial entities have not been changed, including perhaps other City fiscal issues. Given the active involvement of Flint in securing a resolution of this matter locally and not actively engaging DWSD in the discussions as an alternative course of action, I see no reason to pursue this matter any further. The ball is squarely in the court of the EM and Flint elected officials to resolve. RJD

-----Original Message-----

From: Nicolette Bateson [<mailto:bateson@dwsd.org>]

Sent: Friday, February 13, 2015 6:45 PM

To: Robert Daddow

Cc: Brian Baker; Bart Foster; jfausone@fb-firm.com <<mailto:jfausone@fb-firm.com>>; Sue McCormick; William Wolfson

Subject: Re: Flint

Hi Bob: I just saw your message. Interesting development!

All: May I suggest a conference call to evaluate the options? I am available at any time and can send out the call-in number.

Regards,

Nickie


Nicolette N. Bateson, CPA
Chief Financial Officer
Detroit Water & Sewerage Department
735 Randolph, Room 1608
Detroit, Michigan 48226
Office: (313)964-9225
Cell: PPI
Fax: (313) 964-9219
bateson@dwsd.org <<mailto:bateson@dwsd.org>>
City of Detroit
Mike Duggan, Mayor

----- Original Message -----

From: "Robert Daddow"

<daddowr@oakgov.com<mailto:daddowr@oakgov.com>>

To: "Bart Foster"

 "Nicolette Bateson" <bateson@dwsd.org<mailto:bateson@dwsd.org>>, jfausone@fb-firm.com<mailto:jfausone@fb-firm.com>, "Sue McCormick" <mccormick@dwsd.org<mailto:mccormick@dwsd.org>>

Cc: "Brian Baker" <bbaker@sterling-heights.net<mailto:bbaker@sterling-heights.net>>

Sent: Friday, February 13, 2015 1:53:06 PM

Subject: RE: Flint

Guys – I think we can craft a win here. In talking with Rich Baird, who has been working with Flint on this matter along with Dennis Muchmore from the Governor's staff, apparently Flint is consider this but is choking a bit on the amount to be billed. While I recognize that this amount is based on the prior contract, we are in a unique position over the next two weeks or so and before the BOWC takes action on the rates, budget, CIP and other related efforts on March 11 th (formally March 4 th). The win would be solving the water problem in Flint (generally agreed that this is there issue and comes from a poor decision to remove themselves from the DWSD's quality water product), serving to reduce the

FY-2016 suburban water rates already now in the public by perhaps 2% to 3%, and help to tamp down the media frenzy on this matter. It also demonstrates that flow is part of the problem – DWSD adds flow, rates go down.

Right now, no one wins with Flint off the system – the rates for water remain at 11% for suburban wholesale, Flint has bad water and the press for both of us continues on this matter, along with the rate media issues.

Here is what I propose. Drop the monthly rate for a defined period of time – they need a 15 month period. So let's drop the rate by say \$50K monthly and make it a rate of \$800K / month, fixed. In doing so, I suspect that the 11% rate can be dropped to roughly 8.5% to 9% (subject the Foster Group's more detailed analysis) – which show the public good

faith. Then, if they go past the 15 month time frame, we can add costs on the rate at a semi-punitive approach - \$850K \$875K or more.

I believe that there is a win / win here. If the proposal is not acceptable, then I'd like to hear an alternative if at all possible – particularly since the 11% isn't selling well in the media, given the misinformation out there in the public. RJD

From: Bart Foster [REDACTED]
Sent: Thursday, February 12, 2015 10:33 PM
To: Robert Daddow
Cc: Nicolette Bateson
Subject: Re: Flint

Actually, my quick take is about 8%.

Some background:

When Flint left, the annual revenue profile for the Water System was initially reduced by \$12.5 million. However, we immediately recalculated the rate for Genesee County (recognizing their higher demands), to effectively “claw back” about \$2 million of the reduction, so the net Flint impact is ~ \$10.5 million, or just under 2.5% of the

(reduced) Water System rate revenue. Assuming that same amount could be replaced, and all else being equal, the “system rate increase” could be reduced by about 3 percent, with a bit more of the reduction occurring in the suburban wholesale rate structure. Safe to say that (again, absent any other changes) the average suburban water rate increase would be closer to 8 percent compared to the current 11.1%.

Hope this helps . . .

-- Bart Foster

President

THE FOSTER GROUP

(913) 345-1410

(913) 345-1640 fax

PPI cell



Please note that the information in this message along with any attachments are intended for the exclusive use of the addressee and may contain confidential or privileged information. If you are not the intended recipient, please do not forward, copy or print the message or its attachments: notify me at the above address and delete this message and any attachments.

Thank you.

On Feb 12, 2015, at 7:02 PM, Bart Foster <



wrote:

Bob - in transit but will review and reply this evening.

Sent from my iPhone

On Feb 12, 2015, at 3:44 PM, Daddow, Robert <daddowr@oakgov.com<<mailto:daddowr@oakgov.com>>> >
wrote:

Nikki / Bart – don't need a hard and fast number on this. However, it would seem to me that in a fixed cost system such as water, if Flint were to be hooked up again at the \$847K / month cited in Ms. McCormick's

January 12 th memorandum and after the release of the rates yesterday, bringing Flint back would – on a marginal cost basis – serve to mitigate the wholesale (suburban) customer rate increase of 11.1% cited in yesterday's presentation. Without going into a whole lot of detailed calculations (unless necessary), what would the impact of the inclusion of Flint starting say on July 1, 2015 (hypothetical date) be on the rate increase presently now in the public? A revised increase of what – 10.6% - looking for a high level sensitivity analysis here. Can you help? RJD

*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*

DWSD - Email Filter EMT Rule: Message Allowed

*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*

<Detroit_DWSD Flint Article MLive Dated Feb 10 2015.pdf>

From: Saxton, Thomas (Treasury)
Sent: Friday, February 06, 2015 5:20 AM
To: Muchmore, Dennis (GOV)
Cc: Workman, Wayne (TREASURY)
Subject: Re: pastor harris

Follow Up Flag: Follow up
Flag Status: Completed

Dennis - We need a couple days to pull some info/facts together for a meaningful response. Staff started that process yesterday. We just met with the pastors Weds afternoon. Based on what I heard at that meeting; the pastors did not necessarily have an accurate grasp on that data. Wayne & I are talking to Jerry today. Harvey is suppose to be a part of that conversation as well.

Trust me we are making this response a priority. The plan is we should have something for you to look at early next week. If that doesn't work then we probably should talk today as Wayne suggested below.

On Feb 5, 2015, at 6:34 PM, "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov> wrote:

My people are getting numbers together. We should talk. If you guys are packed Friday i can talk early next week from Guatemala

Sent from my iPhone

On Feb 5, 2015, at 6:12 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

Let me ask as a clarification, this is what the city would pay for the water it receives. The upcharge shouldn't be done as a profit since the city has the town all screwed up. All they should want to do is pay their costs of delivery, which from everything I hear they'll have enough trouble getting the public to do. I would think the city would be willing to straighten out this mess before they have a riot on their hands.

From: Workman, Wayne (TREASURY)
Sent: Thursday, February 05, 2015 3:38 PM
To: Muchmore, Dennis (GOV)
Cc: Saxton, Thomas (Treasury)
Subject: Re: pastor harris

This is only the fixed charge need to pay for water usage also working on getting data

Sent from my iPhone

On Feb 5, 2015, at 2:22 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

I have talked with Rich, Daddow and the Mayor and all seem to believe that the \$847K was a fair discount from the previous rates and they

indicate a willingness to reconnect for 15-18 months. How does that calculate with our previous bills and payments?

From: "Fonger, Ronald"
<RFONGER1@mlive.com>
Date: February 5, 2015 at 1:06:36 PM
EST
To: "wurfelb@michigan.gov"
<wurfelb@michigan.gov>
Subject: pastor harris

Brad:

I just spoke with Pastor Harris, the president of the Concerned Pastors for Social Action.

He said the group asked that Flint be immediately re-connected to Lake Huron water during yesterday's meeting and is expecting a response of some kind by the beginning of next week.

Would you or Dave Murray want to comment on whether that's under consideration?

I just wanted you guys to know what he's saying – without equivocation – in the story.

Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI
48502

From: Saxton, Thomas (Treasury)
Sent: Wednesday, February 11, 2015 6:09 AM
To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV)
Cc: Workman, Wayne (TREASURY); Stanton, Terry A. (Treasury); Clement, Elizabeth (GOV)
Subject: Fwd: PRESS RELEASE: Water Consultant Announcement
Attachments: Water Consultant Announcement 2.10.15.pdf; ATT00001.htm

see the press release below re the water consultant. In the conversation Wayne & I had with Jerry late yesterday they are apparently planning a public forum mtg of some type next week to share preliminary results of the consultant's work. Veolia has already been doing some work on this.

Begin forwarded message:

From: Gerald Ambrose <gambrose@cityofflint.com>
Date: February 10, 2015 at 9:13:45 PM EST
To: "Thomas Saxton (Treasury)" <SaxtonT@michigan.gov>, "Wayne Workman (TREASURY)" <workmanw@michigan.gov>
Subject: Fwd: PRESS RELEASE: Water Consultant Announcement

Just in case you did not see this. Had a roundtable with media and Veolia.

----- Forwarded message -----

From: "Jason Lorenz" <jlorenz@cityofflint.com>
Date: Feb 10, 2015 2:56 PM
Subject: PRESS RELEASE: Water Consultant Announcement
To:
Cc:

For Immediate Release

Flint Hires International Urban Water Experts of Veolia North America to Assess City's Water Issues

Flint, Michigan – February 10, 2015 – The City of Flint has retained a team of urban water experts from Veolia North America to conduct an analysis of the city's water system. Veolia, which is the world's largest water services and technology company, will assess how Flint's water is tested and distributed, including reviewing water treatment processes and operations, laboratory

testing and analysis, and engineering reports that detail the city's treatment and distribution systems.

"We understand the frustration and urgency in Flint," said David Gadis, vice president of Veolia North America's Municipal & Commercial Business. "We are honored to support your community with our technical expertise so that together we can ensure water quality for the people of the city of Flint."

Veolia anticipates its analysis to take less than two weeks, at which time they will present findings to City officials, including the Mayor, City Council and the Emergency Manager. Once the findings are presented, city officials will determine how to move forward.

"Addressing the City's water challenges are the top priority right now and it is important to bring in an independent, highly qualified team to work with us to address the safety and quality issues," said Mayor Dayne Walling.

"Until we have completed our analysis, we cannot say for certain how long it will take to provide solutions to Flint's current water situation," said Gadis. "We have extensive experience handling challenging river water sources, reducing leaks and contaminants and in managing discolored water."

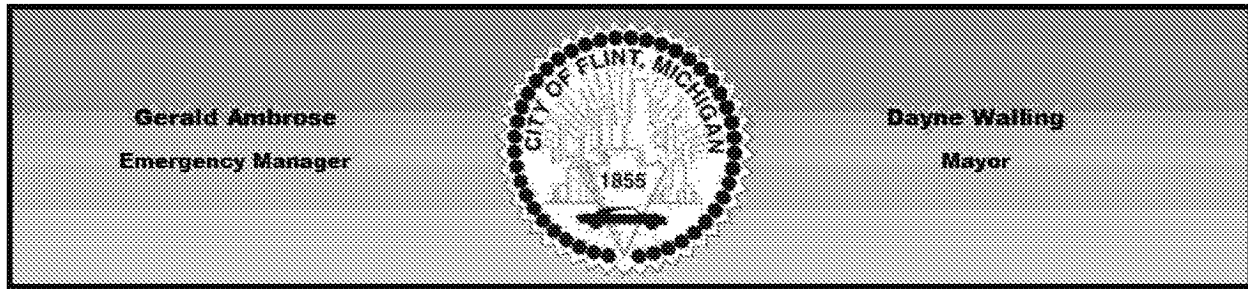
"Veolia worked diligently to respond to our Request For Proposal in a thorough, professional way and demonstrated the ability to immediately support us as we ensure safe, clean water for our residents," said Emergency Manager Jerry Ambrose.

The Veolia team hit the ground running Tuesday morning, meeting with water officials to provide an overview of the work to be conducted. "We look forward to helping Flint's team find ways to address and improve the city's drinking water operation," Gadis said.

The company designs and provides water, waste and energy management solutions to communities and industries across the country, including providing water and wastewater services to 530 communities in North America. More information is available at www.veolianorthamerica.com.

—END—

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com



Jason Lorenz
Public Information Officer
(810) 237-2039
jlorenz@cityofflint.com

For Immediate Release

Flint Hires International Urban Water Experts of Veolia North America to Assess City's Water Issues

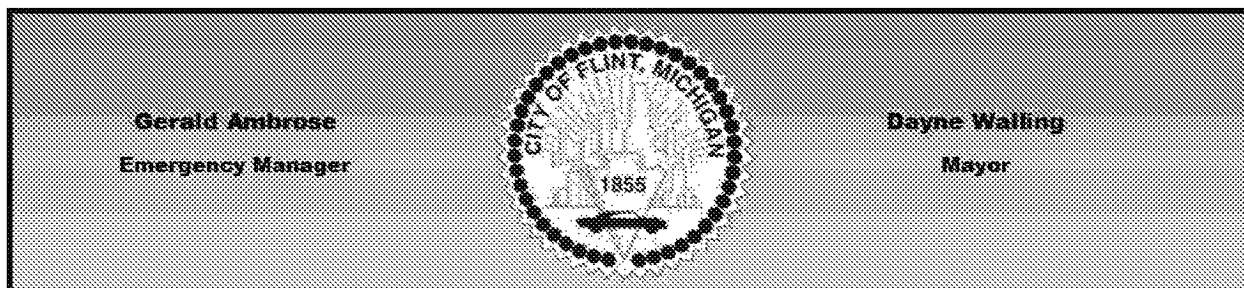
Flint, Michigan – February 10, 2015 – The City of Flint has retained a team of urban water experts from Veolia North America to conduct an analysis of the city's water system. Veolia, which is the world's largest water services and technology company, will assess how Flint's water is tested and distributed, including reviewing water treatment processes and operations, laboratory testing and analysis, and engineering reports that detail the city's treatment and distribution systems.

"We understand the frustration and urgency in Flint," said David Gadis, vice president of Veolia North America's Municipal & Commercial Business. "We are honored to support your community with our technical expertise so that together we can ensure water quality for the people of the city of Flint."

Veolia anticipates its analysis to take less than two weeks, at which time they will present findings to City officials, including the Mayor, City Council and the Emergency Manager. Once the findings are presented, city officials will determine how to move forward.

"Addressing the City's water challenges are the top priority right now and it is important to bring in an independent, highly qualified team to work with us to address the safety and quality issues," said Mayor Dayne Walling.

–CONTINUE–



“Until we have completed our analysis, we cannot say for certain how long it will take to provide solutions to Flint’s current water situation,” said Gadis. “We have extensive experience handling challenging river water sources, reducing leaks and contaminants and in managing discolored water.”

“Veolia worked diligently to respond to our Request For Proposal in a thorough, professional way and demonstrated the ability to immediately support us as we ensure safe, clean water for our residents,” said Emergency Manager Jerry Ambrose.

The Veolia team hit the ground running Tuesday morning, meeting with water officials to provide an overview of the work to be conducted. “We look forward to helping Flint’s team find ways to address and improve the city’s drinking water operation,” Gadis said.

The company designs and provides water, waste and energy management solutions to communities and industries across the country, including providing water and wastewater services to 530 communities in North America. More information is available at www.veolianorthamerica.com.

–END–

From: Saxton, Thomas (Treasury)
Sent: Thursday, February 19, 2015 5:33 AM
To: Muchmore, Dennis (GOV); Baird, Richard (GOV)
Cc: Hollins, Harvey (GOV); Workman, Wayne (TREASURY)
Subject: Fwd: Copy of Presentation
Attachments: Flint Public Works Committee Interim Report V6 - Final.pptx; ATT00001.htm

... here is the Veolia initial report I just mentioned. Wayne & Harvey you already should have it.

Begin forwarded message:

From: "Gerald Ambrose" <gambrose@cityofflint.com>
To: "Hollins, Harvey (GOV)" <hollinsb@michigan.gov>, "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>, "Byrne, Randall (Treasury)" <ByrneR1@michigan.gov>, "Koryzno, Edward (Treasury)" <KoryznoE@michigan.gov>, "Widigan, Robert (TREASURY)" <WidiganR@michigan.gov>, "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>
Subject: Fwd: Copy of Presentation

Veolia presentation...interim report

----- Forwarded message -----

From: "Nicholas, Robert" <robert.nicholas@veolia.com<<mailto:robert.nicholas@veolia.com>>>
Date: Feb 18, 2015 4:03 PM
Subject: Copy of Presentation
To: <jlorenz@cityofflint.com<<mailto:jlorenz@cityofflint.com>>>, "Elizabeth Murphy" <emurphy@cityofflint.com<<mailto:emurphy@cityofflint.com>>>, "Howard Croft" <hcroft@cityofflint.com<<mailto:hcroft@cityofflint.com>>>, "gambrose@cityofflint.com<<mailto:gambrose@cityofflint.com>>" <gambrose@cityofflint.com<<mailto:gambrose@cityofflint.com>>>
Cc:

Good Afternoon

You will find attached a copy of the presentation for this afternoon.

--

Rob Nicholas
Vice President, Development
Municipal & Commercial Business
VEOLIA NORTH AMERICA

tel

+1 859 582 0104

5071 Endview Pass / Brooksville, FL 34601

Robert.Nicholas@veolia.com<<mailto:Robert.Nicholas@veolia.com>>

www.veolianorthamerica.com<<http://www.veolianorthamerica.com/>>

[http://www.vesnaus.com/forms/SocialIcons/veolialogo_300_2.jpg]<<http://www.veolianorthamerica.com/>>

[http://www.vesnaus.com/forms/SocialIcons/twitter_14.gif]<https://twitter.com/veolia_na>

[http://www.vesnaus.com/forms/SocialIcons/linkedin_14.gif]

<<https://www.linkedin.com/company/veolianorthamerica>> [http://www.vesnaus.com/forms/SocialIcons/YouTube-social-square_red_14px.gif]

<<http://www.youtube.com/user/VeoliaNorthAmerica>>

Confidentiality Note: This e-mail message and any attachments to it are intended only for the named recipients and may contain legally privileged and/or confidential information. If you are not one of the intended recipients, please do not duplicate or forward this e-mail message and immediately delete it from your computer.



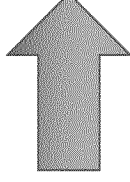
City of Flint, MI City Council Public Works Committee

Interim Water Quality Report

Veolia Scope of Work

Week 1

- Provide a review of current actions
- Engage staff, visit facilities and analyze data
- Make interim report



Week 2

- Carry out more detailed study of initial findings
- Make recommendations for Improving water quality
- Provide a plan, cost and schedule for change

Items of Note

- **Not in scope** – studying why the change from DWSD or the history of the utility
- **What we found** – A very frustrated community and a staff trying to solve the problem, having some success but frustrated with the pace of change

Everybody Is Checking the Safety of Water




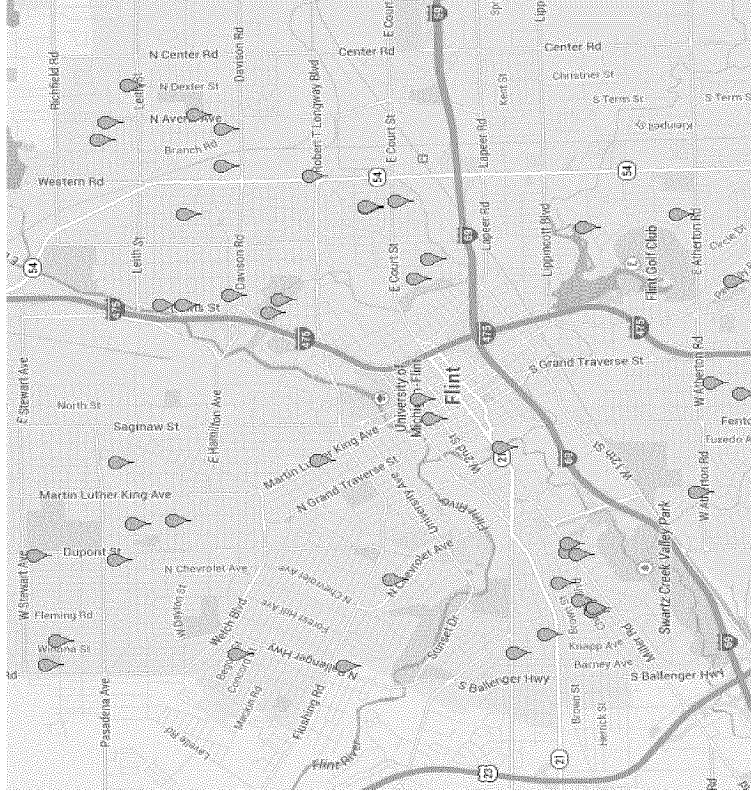
- City, state, news media, universities and other groups
- Safe = compliance with state and federal standards and required testing
 - *Latest tests show water is in compliance with drinking water standards*
 - *Monthly report available on web page*
- More than 20,000 tests required annually for city
- Strict testing requirements in place (what and how to test)

Why TTHM Notices?

- TTHM is formed as a result of the reaction between chlorine and organic material in the water
- City is required to test quarterly at 8 sites
 - *Last summer, several sites had more TTHM than allowed*
- City has reduced levels of TTHM and now all sites are in compliance
 - *Customer notification letters are required until tests are in compliance an average of four quarters*
- **It will take at least 2 more quarters to lower average**
 - *Even a change to DWSD water doesn't solve problem*
- Flint is not alone – hundreds of communities are facing TTHM issues

Why Discolored Water?

- # Location of water quality complaints
- The last 12 months – fewer than you think
- 
- A map of Flint, Michigan, showing the locations of water quality complaints over the last 12 months. The map is centered on the city of Flint, with major roads and highways labeled. Numerous green teardrop-shaped markers are scattered across the city, indicating the locations of complaints. The markers are concentrated in the central and eastern parts of the city, particularly around the University of Michigan Flint campus and the downtown area. The map also shows the locations of various landmarks, including the University of Michigan Flint campus, the Flint Golf Club, and the Swartz Creek Valley Park. The map is a grayscale image with green markers and text labels for streets and landmarks.



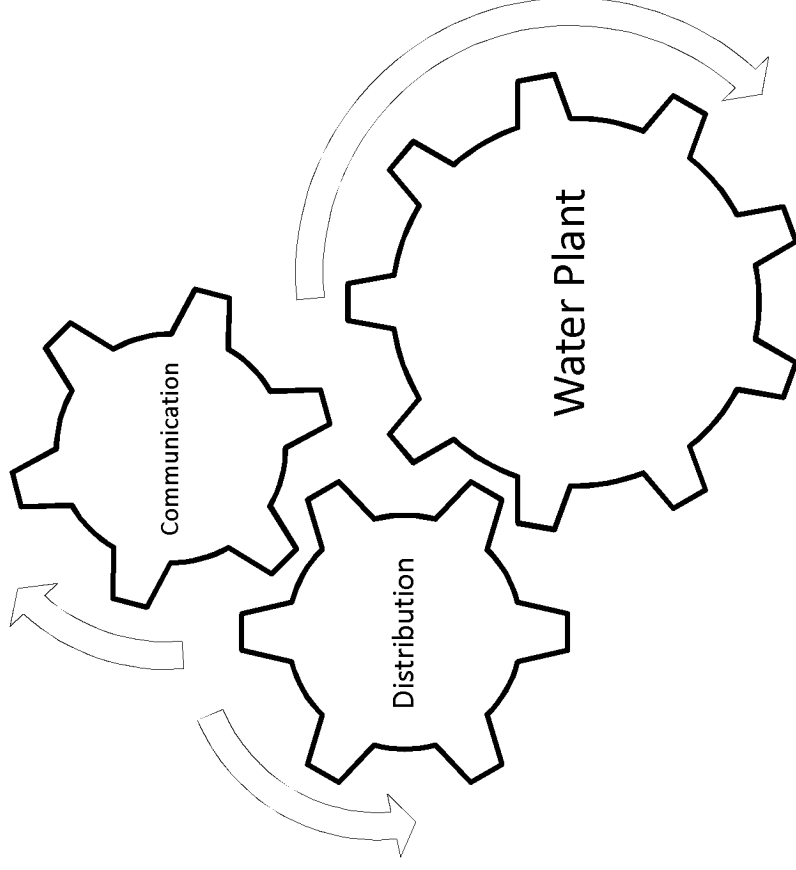
Water Quality Can Be Improved

- Adjust the chemicals being fed – stop some, increase some and change some
- Provide better monitoring of water quality to help make adjustments
- Continue repair or replacement of broken parts
- Reduce the over capacity of the distribution system
- Do a better job explaining what is happening
- Do a better job of asking for help



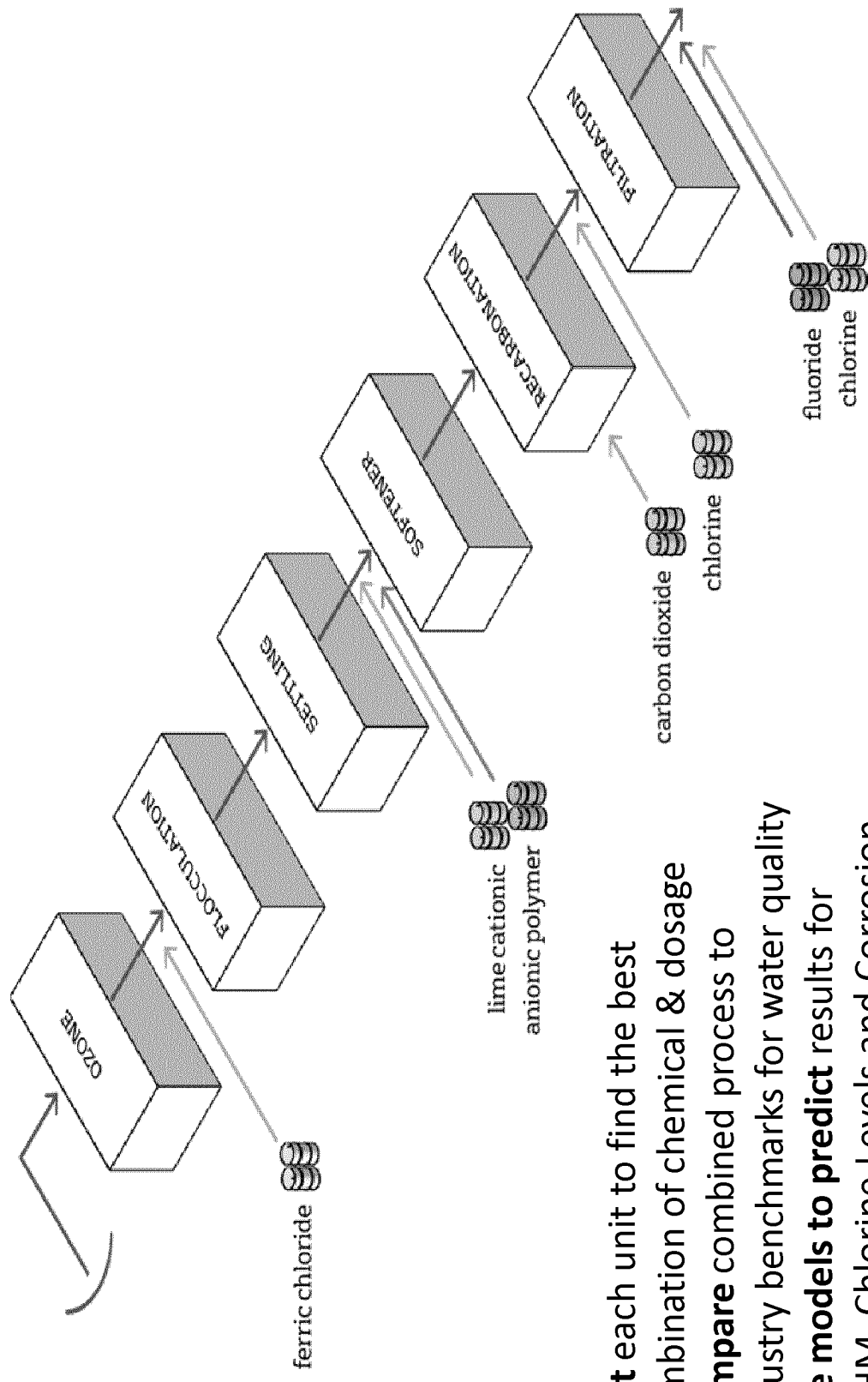


Solution Involves Coordination of 3 Activities



- **Water plant improvements**
 - *Optimize chemical dosages*
 - *Consider different chemicals*
 - *Change dosing points*
 - *Install granulated activated carbon*
 - *Complete plant upgrades*
 - *Implement best mgt practices*
- **Distribution system improvements**
 - *Fix broken valves*
 - *Ask for customer feedback*
 - *Reduce tank storage*
 - *Target line flushing*
 - *Run a hydraulic model*
- **Better communication with customers**
 - *Engage advisory committees*
 - *More accessible utility*
 - *Make it easy to access information*
 - *Better customer communication*

Optimize Plant Processes



- **Test** each unit to find the best combination of chemical & dosage
- **Compare** combined process to industry benchmarks for water quality
- **Use models to predict** results for TTHM, Chlorine Levels and Corrosion

Complete Plant Construction & Re Prioritize Capital

Cost effective plan in budget

- Complete water plant renovation
 - Target SCADA and instrumentation in plant
- Speed up valve turning contract & provide money for replacements
- Speed up hydraulic model update to reduce tank volume
- Evaluate installing of granulated activated carbon on filters

Weather can impact timing

Digging up a water valve for repair
Need good weather to start



Implement Best Management Practices

Activities to Help Operators Maintain Good Water Quality

- Process Control Management Plan
- Lab QA/QC Program
- Computerized Maintenance Management System
- Asset Management System
- Training and Certification Program
- Vulnerability Plan



Distribution System Improvements

- Speed up flow of water from plant to homes – 2 weeks
 - *Find closed valves & open them*
 - *Replace broken valves*
 - *Update hydraulic model*
 - *Reduce system storage*
- Track customer complaints
 - *Test customer water*
 - *Spot flush hydrants to clean areas of stagnant water in the system*

Flushing out discolored water





Make It Easy to Access Information and People

Develop a proactive customer communication plan

- Create advisory committees to help direct efforts and improve flow of information
- Establish a single point of contact to manage all water quality complaints
- Provide additional customer service training to staff
- Expand neighborhood and community outreach
- Change monthly billing statements from card to envelope with information

Example - Communicate in the field

NOTICE: ANNUAL FLUSHING PROGRAM

We are conducting our annual flushing program to enhance your water quality and clean the distribution system.

DC Water crews will be flushing hydrants in your area

10:00 p.m. to 6:30 a.m. on the following dates:

9/24 through 9/30

IMPORTANT INFORMATION

- Your water supply will not be shut off during hydrant flushing.
- You may notice slight water discoloration or low water pressure.
- During this time, customers can continue normal water usage, including drinking, bathing and laundry (unless water is discolored).

If you experience discolored water during this period:

- Run your cold water taps for 15 minutes. If it does not clear up, please contact our Drinking Water Division.
- Do not run your hot water. If you experience discolored water from your hot water tap for several hours, then it is recommended to drain and flush your water heater tank.

- Provide field crews with additional communications tools to use to address questions or concerns from the public

Create door hangers, flyers, or yard signs to notify neighborhoods about main breaks, hydrant flushing, or system maintenance that may affect the public

Create a business card or other contact card with the name and phone number of the single point of contact with the Department of Public Works who is managing information flow

**sample door hanger provided by DC Water & Sewer Authority*

Clear, concise information is key

cityofflnt.com/?p=6251

Blog Banking Food News School Social España Concur Intranet PPS-SHARE Global Communicat... Box Sino/M

Home Department Listing

City of Flint

ONLINE SERVICES RESIDENTS CITY BUSINESS VISITORS CITY HALL

Addressing Flint's Water Concerns: Water System Questions & Answers and Related Documents.

Posted by JESSIE LOREZ

15 JAN

Added Below on 1.28.2015: DWTP Monthly Operation Report and Water Quality Report Summary.

The City of Flint will be periodically releasing information such as monthly operation reports and water quality summaries to keep the public apprised of the status of drinking water in Flint as they become available.

Documents Related Below: Keep checking back for updated

Q Search

Recent Posts

- > City of Flint Water Bill Mailing Delayed for Some Customers February 11, 2015
- > Flint Hires International Urban Water Experts of Veolia North America to Assess City's Water Issues February 10, 2015
- > Snow Removal Update: Focus on Clearing Residential Areas February 4, 2015
- > City of Flint Encourages Residents to Help Neighbors by Clearing Snow on Sidewalks and Fire Hydrants as More Snow is Expected February 4, 2015
- > City of Flint Snow Removal Efforts have Cleared Most Major Roads. Work will soon continue into Residential Areas February 2, 2015
- > Republic Services of Flint Suspends City Waste Collection and Recycling Service for Monday, February 2, 2015 Due to Heavy Snow February 1, 2015
- > DPW Director Howard Croft

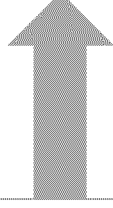
- Simplify the reports on the web page dedicated to addressing water system questions
- Create a single-page, easy to understand report for the public
- Use charts or provide other examples to demonstrate water quality testing and system or treatment plant improvements underway
- Provide name, phone number and email address for identified point of contact so customers can request more information
- Continue to provide Monthly Operation Report and Water Quality Report Summary for those customers interested in more technical information
- Use site to provide additional notice of field work that may impact customers



Next Steps

Week 1

- Provide a review of current actions
- Engage staff, visit facilities and analyze data
- Make interim report



Week 2

- Carry out more detailed study of initial findings
- Make recommendations for Improving water quality
- Provide a plan, cost and schedule for change

Questions Being Heard

REMEMBER

We just started. Might not have an answer yet to your question

- **When will water improve** - The water has improved with current actions. More changes will occur over weeks and months because of safety reviews
- **Date of next update and final report** – An update will be provided next week and a report the following week.
- **Time frame for implementing recommendations** – The City is already started. Others a few days and some weeks or months due to State approval being required or weather.
- **Cost of changes** – Don't know yet but we are aware of the financial concerns

More Questions Being Heard

- **How are TTHM formed** – It's the reaction of chlorine to organics (leafs, dirt) in the water.
- **How to reduce TTHM** – Reduce organics before introducing chlorine and shorten time chlorine has to react with the organics
- **What causes discoloration** – Older lines, the iron parts of the system will leach iron into the water causing the discoloration. Other times its just air built up.
- **Why no discoloration with DWSD** – There was. Flint had a bad time with breaks of old line and is doing lots of construction. This stirred up the water and caused discoloration.

More Questions Being Heard

- **Can you test my water** – The city will test your water for free. But, only 2 of 20 people have taken the city up on the offer since it began offering the service.
- **Medical problems** – Some people may be sensitive to any water. Talk to your doctor. The City is communicating with the medical community.
- **Confidence that future problems will be avoided** – Recommendations will include putting programs in place to better respond to water changes and assure quality



From: Workman, Wayne (TREASURY)
Sent: Friday, February 27, 2015 5:15 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Saxton, Thomas (Treasury); Stanton, Terry A. (Treasury); Storberg, Ann Marie (TREASURY)
Subject: Fwd: PRESS RELEASE: Recent Tests Show Flint Water within EPA Guidelines
Attachments: TTHM Results February.pdf; ATT00001.htm; February TTHM Result Chart.pdf; ATT00002.htm

In case you did not see this. Will be reviewing Water System info over the weekend. Maybe something Monday, Tuesday latest. I need to edit also. Wayne

Sent from my iPhone

Begin forwarded message:

From: Jason Lorenz <jlorenz@cityofflint.com>
Date: February 27, 2015 at 4:29:04 PM EST
To: Jason Lorenz <jlorenz@cityofflint.com>
Subject: Re: PRESS RELEASE: Recent Tests Show Flint Water within EPA Guidelines

Attached is the release with the proper date.

For Immediate Release

Recent Tests Show Flint Water within EPA Guidelines

Flint, Michigan – February 27, 2015 – The Michigan Department of Environmental Quality (MDEQ) Testing lab has provided results to the City of Flint showing that test results for TTHM levels for the month of February are well within EPA guidelines for safe water. All eight testing sites showed levels of TTHM ranging between 14.9 and 28.5 micrograms per liter (µg/L), well below the Maximum Contamination Level of 80 (see chart below).

The testing results confirm the progress made by the City to address concerns regarding the safety of its water supply and corroborates findings by the City and independent tests by other organizations that the water today is safe. “Flint’s water supply is meeting all safety guidelines set forth by the EPA,” said DPW Director Howard Croft. “Today’s findings by the MDEQ reinforce the progress we have made, and should help rebuild confidence in the safety of Flint’s

drinking water. We still have work to do to improve water quality and are committed to being vigilant to assure that water safety is maintained.”

These results also show that the four month average for test results is now within EPA guidelines for five of the eight testing areas in the City. However, because EPA regulations require that the four month average for all testing sites be within guidelines, the City of Flint will still be considered to be out of compliance by MDEQ. The City expects to receive notice within the next few weeks indicating non-compliance, and system users can expect to receive official notice of non-compliance in the month of March.

Meanwhile, the City continues to work on maintaining water safety and improving water quality. While steps are being taken daily to improve quality, the City is expecting a formal set of recommendations from its water quality experts within the next few weeks.

The detail of the study results, a report of the progress being made and preliminary recommendations from Veolia will be shared with the newly formed Water Advisory Committee and Water Technical Committee, whose first meetings are scheduled for next week.

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

On Fri, Feb 27, 2015 at 4:04 PM, Jason Lorenz <jlorenz@cityofflint.com> wrote:

Recent Tests Show Flint Water within EPA Guidelines

Flint, Michigan – March 2, 2015 – The Michigan Department of Environmental Quality (MDEQ) Testing lab has provided results to the City of Flint showing that test results for TTHM levels for the month of February are well within EPA guidelines for safe water. All eight testing sites showed levels of TTHM ranging between 14.9 and 28.5 micrograms per liter (µg/L), well below the Maximum Contamination Level of 80 (see chart attached).

The testing results confirm the progress made by the City to address concerns regarding the safety of its water supply and corroborates findings by the City and independent tests by other organizations that the water today is safe. “Flint’s water supply is meeting all safety guidelines set forth by the EPA,” said DPW Director Howard Croft. “Today’s findings by the MDEQ

reinforce the progress we have made, and should help rebuild confidence in the safety of Flint's drinking water. We still have work to do to improve water quality and are committed to being vigilant to assure that water safety is maintained."

These results also show that the four month average for test results is now within EPA guidelines for five of the eight testing areas in the City. However, because EPA regulations require that the four month average for all testing sites be within guidelines, the City of Flint will still be considered to be out of compliance by MDEQ. The City expects to receive notice within the next few weeks indicating non-compliance, and system users can expect to receive official notice of non-compliance in the month of March.

Meanwhile, the City continues to work on maintaining water safety and improving water quality. While steps are being taken daily to improve quality, the City is expecting a formal set of recommendations from its water quality experts within the next few weeks.

The detail of the study results, a report of the progress being made and preliminary recommendations from Veolia will be shared with the newly formed Water Advisory Committee and Water Technical Committee, whose first meetings are scheduled for next week.

See Attached. Areas in blue (under February) indicate current levels.

—END—

~Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

From: Baird, Richard (GOV)
Sent: Thursday, October 01, 2015 2:26 PM
To: Muchmore, Dennis (GOV)
Subject: Re: Flint

Already did. All set.

Sent from my Verizon Wireless 4G LTE DROID

On Oct 1, 2015 1:54 PM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:

Would you put in a call to Daddow just to initiate discussion with DWSD/GLWA on a temporary rehooking of Detroit to Flint and as an alternative a longer term rehooking. Cost, requirements, protocols...

Sent from my iPhone

From: Etue, Kriste (MSP)
Sent: Friday, October 02, 2015 3:11 PM
To: Muchmore, Dennis (GOV)
Cc: Kelenske, Chris (MSP)
Subject: Re: A Lil Good News

Dennis:

Capt. Kelenske has been in contact with the local EM.

He is watching closely everything they are doing.

I will reach out to him to get a status.

Sent from my iPhone

On Oct 2, 2015, at 3:05 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

In the Flint meeting, you and Capt. Sands talked about how we need the local emergency coordinator to ask the MSP for help? We're ready to do that. How do you want that done? A letter from Flint, a call to Kalenske, etc.?

From: Etue, Kriste (MSP)
Sent: Friday, October 2, 2015 12:56 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: RE: A Lil Good News

Thanks!

I can tell you that these events have been one of the most positive tasks I've done. Truly transformational for my Troopers!

From: Muchmore, Dennis (GOV)
Sent: Friday, October 02, 2015 10:19 AM
To: Etue, Kriste (MSP)
Subject: Fwd: A Lil Good News

Just more proof that the Etue leadership on community affairs is really accomplishing a lot of good.

Begin forwarded message:

From: "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
Date: October 1, 2015 at 7:39:22 PM EDT

To: "Snyder, Rick (GOV)" <[REDACTED] PPI>
Cc: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
Subject: A Lil Good News

A little good news given all the stuff in Flint.

The Benton Harbor Public Safety forum had slightly under 100 participants; another successful event.



From: Muchmore, Dennis (GOV)
Sent: Tuesday, September 15, 2015 5:11 PM
To: Hollins, Harvey (GOV)
Subject: RE: Flint Water Request

No kidding...so is the timing of the legislative support...of course it doesn't help when the clerk fails to file an appeal of the court order in time...

From: Hollins, Harvey (GOV)
Sent: Monday, September 14, 2015 5:59 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Re: Flint Water Request

Chief, Dayne will not have a cake walk to get reelected. While the need is real, the timing of this request is suspect.

Best,
Harvey

On Sep 14, 2015, at 5:07 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

Great, we have a lot of money laying around...

From: Dayne Walling [<mailto:dwalling@cityofflint.com>]
Sent: Monday, September 14, 2015 4:17 PM
To: GovernorsOffice <[\[REDACTED\]](#)> Snyder, Rick (GOV)
<[\[REDACTED\]](#)>
Cc: Joshua Freeman <jfreeman@cityofflint.com>; senjananich@senate.mi.gov; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Phil Phelps <philphelps@house.mi.gov>; SheldonNeeley@house.mi.gov; Hedman, Susan <Hedman.susan@epa.gov>; Natasha Henderson <nhenderson@cityofflint.com>
Subject: Flint Water Request

Dear Governor,

I am renewing my call for additional funding to address Flint's water challenges. While significant progress has been made, with the fiscal stress and pending lawsuits against the City, there is a gap in the funds necessary to meet the adopted capital improvement plan and to respond to new needs with lead pipes. Attached is a letter of request. I thank you in advance for your willingness to review.

Sincerely,
Mayor Walling

--

Dayne Walling
Mayor, City of Flint
City Hall, 1101 S. Saginaw St.

Flint, MI 48502

810-766-7346

mayor@cityofflint.com

www.cityofflint.com

follow me on twitter at <http://twitter.com/mayorwalling>

<Flint Mayor Water Request.pdf>

From: Muchmore, Dennis (GOV)
Sent: Monday, September 28, 2015 6:04 PM
To: 'Rep. Sheldon Neeley (District 34)'
Cc: Hollins, Harvey (GOV); Wyant, Dan (DEQ); Lyon, Nick (DCH)
Subject: RE: Governor's Assistance

Representative-

We're setting up a meeting with you, Harvey Hollins, Nick Lyon and Dan Wyant as soon as possible to make sure you are in the same loop on this as we are. The issues you raise in your letter are similar to the same ones we are raising internally ourselves. Lead is not an acceptable risk in any event, however lead content pipes are prevalent in older cities throughout Michigan and we'll all have to pool our efforts to work with these pipes now and in the future. Although there are some legitimate questions relating to the conclusions reached by the Hurley folks, they are a city institution and we would have expected them to report and discuss those concerns with city leadership so that the city could act, but that is a different subject.

Whenever you are available we'll do our best to schedule and come over and meet with you.

From: Rep. Sheldon Neeley (District 34) [<mailto:SheldonNeeley@house.mi.gov>]
Sent: Monday, September 28, 2015 5:44 PM
To: GovernorsOffice <[REDACTED] PPI> Snyder, Rick (GOV) <[REDACTED] PPI>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>
Subject: Governor's Assistance

Please see attached letter.

From: Muchmore, Dennis (GOV)
Sent: Friday, October 02, 2015 9:41 AM
To: Steudle, Kirk (MDOT)
Cc: Lyon, Nick (DHHS); Wyant, Dan (DEQ)
Subject: Fwd: info concerning expediting KWA construction
Attachments: bulletpoints-Oct2015-KWAconstruct.docx; ATT00001.htm

Kirk could you review and talk with Dan and Nick directly.

Begin forwarded message:

From: Andrew Leavitt <Aleavitt@senate.michigan.gov>
Date: October 1, 2015 at 5:34:26 PM EDT
To: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>
Subject: FW: info concerning expediting KWA construction

From Jeff Wright's staff.

From: Karen Teeples <K_TEEPLES@gcdcwws.com>
Date: Thursday, October 1, 2015 at 2:42 PM
To: Andy Leavitt <aleavitt@senate.michigan.gov>
Subject: info concerning expediting KWA construction

POTENTIAL WAYS THE STATE MIGHT BE ABLE TO HELP KWA EXPEDITE PIPELINE CONSTRUCTION

1. Eliminate frost law restrictions (this would add two months of construction)

2. Additional financing: - Contracts have been let

Reason:

- Need cash to allow subcontracts
- Need cash to expedite pipe production
- Funding can come through mega or warrants to pipe manufacturer or additional rules on DWRF/SRF
- Funding could come from the roadway funding as direct grants to local road commission to free up funds for pipeline work

3. Act 233 Agencies – State Permit – similar to public schools

Reason:

- Projects bigger than local community
- Public safety of the larger community outweighs local politics
- Big project – locals not equipped to handle
- Benefits KWA – GLWA and others

4. State aid to local road commissioners' public right-of-way

Reason:

- Project is outside their ability to cope/handle
- KWA could concentrate on building pipeline; local road commission could concentrate on clean-up

5. a. Clear requirements on road replacement/road repairs and utilities use of right-of-way

b. No at will permits

c. RC liable for shut downs for convenience

d. Public utilities need not get local site plan and/or waivers

From: Muchmore, Dennis (GOV)
Sent: Tuesday, October 13, 2015 9:28 AM
To: Baird, Richard (GOV)
Subject: Fwd: Letter to Wolfson October 12 final
Attachments: Letter to Wolfson October 12 final.pdf; ATT00001.htm; Request From Flint.pdf; ATT00002.htm; Letter to Wolfson Final.pdf; ATT00003.htm

It would probably be helpful if you could get GLWA's attention to acknowledge this GCDC request.

Begin forwarded message:

From: "Kevin K. Kilby" <kkilby@mcgrawmorris.com>
Date: October 12, 2015 at 12:37:38 PM EDT
To: <workmanW@michigan.gov>, <muchmoreD@michigan.gov>, <wyantD@michigan.gov>
Cc: "'Kevin K. Kilby'" <kkilby@mcgrawmorris.com>, 'John O'Brien' <jfobrien@gcdcwws.com>, 'David Jansen' <djansen@gcdcwws.com>
Subject: Letter to Wolfson October 12 final

Gentleman –

I represent the Genesee County Drain Commissioner's Office. The Commissioner requested that I send you the attached information regarding DWSD supplying water to Flint.

Sincerely,

Kevin Kilby
Partner and Attorney at Law
McGraw Morris P.C.
2075 W. Big Beaver Road
Suite 750
Troy, Michigan 48084
Office: (248) 502-4000
Fax: (248) 502-4001
Cellular: PPI
kkilby@mcgrawmorris.com
www.mcgrawmorris.com

CONFIDENTIAL AND ATTORNEY/CLIENT PRIVILEGED:

This e-mail and any attachments are confidential, intended for the addressee only and may be attorney/client privileged. If you are not the addressee, then please DO NOT read, copy or distribute the message or any attachment. Please reply to the sender that you received the message in error and delete it. Thank you.

CIRCULAR 230 DISCLOSURE In accordance with U.S. Treasury regulations, if this message from McGraw Morris, P.C. (or any attachment) contains advice concerning one or more Federal tax issues, it is not a formal legal opinion and may not be used by any person for the avoidance of Federal tax penalties.

McGraw Morris P.C.

GRAND RAPIDS

TROY

SAGINAW

THOMAS J. MCGRAW
G. GUS MORRIS
CRAIG R. NOLAND
STACY J. BELISLE
KEVIN K. KILBY
CHRISTOPHER J. RAITT
JOHN A. MULLETT

2075 W. BIG BEAVER ROAD
SUITE 750
TROY, MICHIGAN 48084
TELEPHONE: (248) 502-4000
FACSIMILE: (248) 502-4001

October 12, 2015

Via Email: wolfson@dwsd.org

William M. Wolfson
Chief Administrative and Compliance Officer/General Counsel, DWSD
Interim General Counsel, GLWA
735 Randolph Street
Detroit Michigan 48226

Re: Increase in average day and maximum peak day by GCDC

Dear Mr. Wolfson:

The Genesee County Drain Commissioner's Office, Division of Water and Waste Services ("GCDC") has been working diligently to fulfill the demands of the various state and federal agencies, Governor Snyder, and the people of the City of Flint ("Flint"), to provide Flint with water from the Detroit Water and Sewerage Department ("DWSD"). These efforts include placing approximately seven (7) miles of the seventy-two inch (72") water transmission pipeline ("Pipeline") that GCDC purchased from Flint back into service, pressurizing the Pipeline, disinfecting the Pipeline, flushing the Pipeline, and performing Bac-T testing on the water inside of the Pipeline. Once these efforts have materialized and GCDC has received two (2) negative Bac-T tests, GCDC will be in a tactical position to furnish DWSD water to Flint as early as midweek.

On October 8, 2015, I sent you a letter after GCDC received a formal request from Flint for GCDC to provide DWSD water to Flint pursuant to a previous written agreement between GCDC and Flint. As of today, I have not received your response. In the October 8, 2015, letter I requested the following:

GCDC has received a formal request from Flint to receive DWSD water via GCDC per GCDC's contract with Flint. GCDC's rates are currently based on 12 mgd average day and 25 mgd maximum peak day. Does DWSD have the capacity to increase demand to GCDC to 28.5 mgd average day and 51 mgd peak day? If so, could you please provide GCDC with the rates for 28.5 mgd average and 51 mgd peak day through June 30, 2016?

Attorney Anthony Chubb from Flint has provided me with a proposed WATER SERVICE CONTRACT BETWEEN CITY OF DETROIT AND CITY OF FLINT ("Contract"). This Contract makes the assumption that Flint has a separate connection to the DWSD water distribution system. The interconnect between the DWSD water system and the Flint water system is owned by GCDC. Flint does not have a separate connection to the DWSD water distribution system. Any water that Flint receives

Mr. Wolfson
October 12, 2015
Page 2

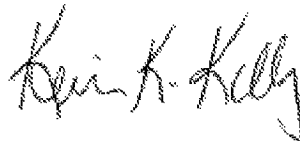
from DWSD is required to flow through GN-01. Additionally, GCDC has received no communication from DWSD on this subject since the Flint water issue surfaced. Simply stated, DWSD has the ability to service Flint with water only through the interconnect owned by GCDC.

GCDC is working diligently to move forward with Flint receiving DWSD water; however, GCDC cannot do anything until it has an agreement with DWSD and Flint as to how the DWSD water will be transmitted to Flint. Right now, Flint is requesting GCDC to provide DWSD water GN-01 pursuant to the written agreement between GCDC and Flint. Additionally, Flint has also request DWSD to provide Flint with water with the understanding that DWSD has no way to transmit the water to Flint. There is no question that Flint wants and eventually will be serviced with DWSD water; however, DWSD and Flint cannot continually ignore the fact that GCDC owns and operates the interconnect between DWSD and Flint.

GCDC has been working diligently to assist Flint in receiving DWSD water; however, DWSD to date has been unwilling to provide GCDC the information it needs so that Flint may switch over the DWSD water. When you have prepared your response, please send it to kkilby@mcgrawmorris.com or contact Director John O'Brien at 810-732-7870.

Sincerely,

MCGRAW MORRIS P.C.



Kevin K. Kilby
Attorney at Law

Cc: Jeff Wright, Drain Commissioner, GCDC
John O'Brien, Director GCDC
Dennis Muchmore, Chief of Staff, Governor's Office, w/attachments
Wayne Workman, Deputy Treasurer, Michigan Department of Treasury, w/attachments
Dan Wyant, Director, MDEQ, w/attachments
Laurie Koester, DWSD
Dayne Walling, Mayor, City of Flint
Anthony Chubb, Attorney, City of Flint

John O'Brien

From: achubb@cityofflint.com
Sent: Thursday, October 08, 2015 12:30 PM
To: John O'Brien; Kevin Kilby
Cc: Byrne, Randall (Treasury); wyantd@michigan.gov; workmanw@michigan.gov; Warren Vyvyan; Dayne Walling; Peter Bade; Natasha Henderson
Subject: Re: DWSD

John and Kevin,

Per our contract, the City is requesting flow of 16.5mgd average, 26mgd max flow. Please notify of intent to provide and costs as soon as possible.

Anthony Chubb
Interim Director of Human Resources and Labor Relations
Deputy City Attorney
City of Flint

Sent from my iPhone

On Oct 8, 2015, at 11:51 AM, John O'Brien <jfobrien@gcdcwws.com> wrote:

Tony

The County and City Have a current contract we will honor that agreement.
The DWSD recognizes this issue as identified in the last sentence of paragraph 1 d)

John

From: Anthony Chubb [<mailto:achubb@cityofflint.com>]
Sent: Thursday, October 08, 2015 11:25 AM
To: John O'Brien <jfobrien@gcdcwws.com>; Kevin K. Kilby <kkilby@mcgrawmorris.com>
Subject: Fwd: DWSD

See below. I had your old email in my history.

Anthony Chubb
Interim Director of Human Resources and Labor Relations
Deputy City Attorney
City of Flint
1101 S. Saginaw Street, 3rd Floor
Flint, MI 48502

(810) 237-2078

This communication, along with any documents, files or attachments, is intended only for the use of the addressee and may contain legally privileged and confidential information. If you are not the intended

McGraw Morris P.C.

GRAND RAPIDS

TROY

SAGINAW

THOMAS J. MCGRAW
G. GUS MORRIS
CRAIG R. NOLAND
STACY J. BELISLE
KEVIN K. KILBY
CHRISTOPHER J. RAITT
JOHN A. MULLETT

2075 W. BIG BEAVER ROAD
SUITE 750
TROY, MICHIGAN 48084
TELEPHONE: (248) 502-4000
FACSIMILE: (248) 502-4001

October 8, 2015

Via Email: wolfson@dwsd.org

William M. Wolfson
Chief Administrative and Compliance Officer/General Counsel, DWSD
Interim General Counsel, GLWA
735 Randolph Street
Detroit Michigan 48226

Re: Increase in average day and maximum peak day by GCDC

Dear Mr. Wolfson:

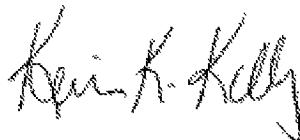
GCDC has received a formal request from Flint to receive DWSD water via GCDC per GCDC's contract with Flint. GCDC's rates are currently based on 12 mgd average day and 25 mgd maximum peak day. Does DWSD have the capacity to increase demand to GCDC to 28.5 mgd average day and 51 mgd peak day? If so, could you please provide GCDC with the rates for 28.5 mgd average and 51 mgd peak day through June 30, 2016?

As you are aware, time is of the essence. I would respectfully ask that if at all possible you could provide answers to the above two (2) questions stated above by 5:00 p.m. today. It is anticipated that if DWSD has the capacity and all of the issues between Flint and GCDC are resolved, GCDC anticipates providing Treated Water to Flint within the next seven (7) days.

If you should have any questions or concerns regarding this communication, please feel free to contact me at 810-569-0352 or via email at kkilby@mcgrawmorris.com.

Sincerely,

MCGRAW MORRIS P.C.



Kevin K. Kilby
Attorney at Law

From: Muchmore, Dennis (GOV)
Sent: Thursday, October 22, 2015 4:20 PM
To: 'Rep. Sheldon Neeley (District 34)'
Cc: Workman, Wayne (TREASURY)
Subject: RE: State Portion of Flint Water Reconnection

Rep. Neely-

The city made a deal with the DWSD without informing us beforehand. It required an upfront payment, which as I'm sure you are aware isn't the right way to conduct the transaction as expectations were that it would be paid out over time with use. We are taking care of the misstep to get it all back on track.

From: Rep. Sheldon Neeley (District 34) [<mailto:SheldonNeeley@house.mi.gov>]
Sent: Thursday, October 22, 2015 3:43 PM
To: Khouri, Nick (TREASURY) <KhouriN@michigan.gov>
Cc: GovernorsOffice <[PPI](#)>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; nhenderson@cityofflint.com
Subject: State Portion of Flint Water Reconnection

Please see attached letter. Thanks for your cooperation.

Sheldon

From: Muchmore, Dennis (GOV)
Sent: Friday, November 13, 2015 7:47 PM
To: Jarrod Agen
Subject: Fwd: A Message from Mayor Weaver

This is the summary, how would you like to approach this?

Begin forwarded message:

From: Maxine Murray <mmurray@cityofflint.com>
Date: November 13, 2015 at 4:43:46 PM EST
To: "Hollins, Harvey (GOV)" <hollinsb@michigan.gov>, <muchmored@michigan.gov>
Cc: Karen Weaver <kweaver@cityofflint.com>
Subject: A Message from Mayor Weaver

Good afternoon,

Per the conversation today, please see below:

- a. City Attorney Appointment
- b. Department of Public Works Appointment
- c. Fire Chief Appointment
- d. Human Resources Appointment
- e. Tier II Cabinet Appointment
- f. Discussion with Natasha Henderson - roles and responsibilities
- g. Mayor, Face of the City - Media
- h. Meeting with State Police and Mayor
- I. Meeting with Governor and Flint delegation
- j. Placement of State Park in Flint
- k. Third Party Validator
- L. Joint Press Conference with DEQ Director

Thank you.

--

Maxine Murray
Executive Assistant to
Dr. Karen W. Weaver, Mayor
City of Flint
1101 S. Saginaw Street
Flint, MI 48502
810.237.2035 Telephone
810.766.7218 Fax

From: Baird, Richard (GOV)
Sent: Thursday, December 03, 2015 4:38 PM
To: Etue, Kriste (MSP)
Cc: Clement, Elizabeth (GOV)
Subject: Fwd: Flint proposal
Attachments: FWATF proposal 12-3-15.docx

Thanks Kriste. Please let me know if you need more.

Rich

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: chris@dewitt-communications.com
Date: Dec 3, 2015 3:25 PM
Subject: Flint proposal
To: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Cc:

See attached.

Thanks

Chris De Witt
De Witt Communications
P.O. Box 4952
East Lansing, MI 48826
517-339-1700 office

PPI

 cell

De Witt Communications

December 3, 2015

TO: Rich Baird

FR: Chris De Witt

RE: Flint Water Advisory Task Force

Thank you for requesting a proposal from De Witt Communications to provide communication consulting services for the Flint Water Advisory Task Force (FWATF).

De Witt Communications will provide services outlined below in the "Scope of Work". Consultant will devote such business efforts and time as is reasonably required to fulfill the outlined services. It is anticipated that the Consultant will devote a minimum of 60 hours per month to this project.

Scope of Work

De Witt Communications proposes to assist the FWATF in the following:

1. Development and coordinating of overall strategic messaging
2. Serve as media contact and spokesperson
3. Assist in the writing and distribution of documents such as reports and press releases
4. Attend meetings, conferences and interviews
5. Coordinate media information distribution
6. Media Training as needed
7. Editorial Board meeting coordination
8. Assist with Community Forums
9. Develop and maintain media contact information
10. Press conference preparation and implementation

Other items may be added to the "Scope of Work" if all parties agree.

Retainer information:

Project time frame: December 2015 – February 15, 2016

Project retainer: \$25,000

Payment Schedule: To be determined

Mailing address: De Witt Communications, P.O. Box 4952 East Lansing, MI 48826

Email address: chris@dewitt-communications.com

Phone: 517-339-1700 (office) [PPI] (cell)

If you have any questions on any of the above items, please contact me.

Again, thank you for this opportunity to assist the Flint Water Advisory Task Force.

Message

From: Roberts, John (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ROBERTSJ9]
Sent: 11/14/2011 2:31:59 PM
To: Baird, Richard (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Bairdr]
Subject: Fwd: Flint Review Team Report
Attachments: Review Team Report (Final), 11-7-11.pdf; ATT00001..htm

Just saw your email. Hope it is still helpful.

John Roberts

Begin forwarded message:

From: "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>
To: "Snyder, Rick (GOV)" PPI
Cc: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Roberts, John (GOV)" <robertsj9@michigan.gov>, "Fraser, Roger (Treasury)" <FraserR1@michigan.gov>, "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>, "Headen, Frederick (Treasury)" <HeadenF@michigan.gov>
Subject: Flint Review Team Report

Please see the attached report from the Flint Financial Review Team.



STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

ANDY DILLON
STATE TREASURER

DATE: November 7, 2011

TO: Governor Snyder

FROM: Flint Financial Review Team:
Roger Fraser
Laura Argyle
Gene Dennis
Darnell Earley
Robert L. Emerson
Frederick Headen
Doug Ringler
Brom Stibitz

SUBJECT: Report of the Flint Financial Review Team

On October 5th, 13th, 17th, 21st and November 7th, 2011, Flint Financial Review Team members met and reviewed information relevant to the financial condition of the City. Based upon those reviews, the Review Team concludes, in accordance with Section 13(4)(d) of Public Act 4 of 2011, the Local Government and School District Fiscal Accountability Act, that a local government financial emergency exists within the City of Flint, and that no satisfactory plan exists to resolve that emergency. Therefore, the Review Team recommends the appointment of an emergency manager.

I. Background

A. Preliminary Review

On August 29th through September 12th, 2011, the Department of Treasury conducted a preliminary review of the finances of the City of Flint to determine whether or not probable financial stress existed. Section 12(1) of the Act provides that a preliminary review may be conducted if one, or more, of the conditions enumerated therein occurs. The preliminary review of the City of Flint resulted from the condition enumerated in subdivision (j), (m), (o) and (r) of Section 12(1) having occurred within the City.¹

¹ Subdivision (j) provides that the "local government has violated a requirement of sections 17 to 20 of the uniform budgeting and accounting act, 1968 PA 2, MCL 141.437 to 141.440." Subsection (m) provides that a "local government is in breach of its obligations under a deficit elimination plan or an agreement entered into pursuant to a deficit elimination plan." Subsection (o) provides that a "municipal government has ended a fiscal year in a deficit condition as defined in section 21 of the Glenn Steil state revenue sharing act of 1971, 1971 PA 140, MCL 141.921, or has failed to comply with the requirements of that section for filing or instituting a financial plan to correct the deficit condition." Subsection (r) provides that "[t]he existence of other facts or circumstances that in the state treasurer's sole discretion for a municipal government are indicative of municipal financial stress."

The preliminary review found, or confirmed, the following:

- The City had incurred cumulative deficits in many of its funds over several years. The following are fund deficits from 2007 to 2011:

Fund	2007	2008	2009	2010	Unaudited 2011
General	--	\$(7,046,820)	\$(10,113,744)	\$(14,621,546)	\$(11,149,907)
Building Department	--	(1,550,369)	--	(576,276)	(1,251,459)
Central Maintenance	\$(226,349)	(4,233,859)	(3,183,144)	(1,922,489)	*(2,029,230)
Data Processing	(778,458)	(245,488)	(72,773)	--	--
EDC	(26,772)	(10,721)	(58)	(7,404)	--
EDC Oak Business Ctr	(28,403)	(19,843)	(5,285)	(24,898)	--
Garbage Collection	--	--	--	(909,283)	(1,444,581)
Golf Course	(473,294)	(1,909,377)	--	(282,670)	*(576,861)
Self Insurance	--	--	--	--	(33,580)
Parks & Recreation	--	--	--	(163,096)	(185,255)
Senior Citizens	--	--	--	--	(26,709)
Water Supply	--	--	--	(5,795,973)	*(9,009,825)
Total	\$(1,533,276)	\$(15,016,477)	\$(13,375,004)	\$(24,303,635)	\$(25,707,407)
*Estimated					

- Deficit elimination plans submitted to the Department of Treasury by City officials had not been followed. City officials submitted a deficit elimination plan concerning a general fund deficit of \$7,046,820 as of June 30, 2008. That five-year plan projected a general fund deficit of \$9,124,747 as of June 30, 2010. However, the actual deficit as of that date was \$14,621,546, or \$5,496,800 higher than projected and the deficit as of June 30, 2011, is estimated to be approximately \$11.0 million. The plan also anticipated that the deficit would be eliminated by 2014, but an updated deficit elimination plan submitted for 2010 did not purport to eliminate the deficit until the year 2030, relying heavily upon the issuance of an additional \$12.0 million of debt in 2013.
- General fund expenditures exceeded revenues since 2007 and fund deficits have existed since 2008, as follows:

	6/30/2007	6/30/2008	6/30/2009	6/30/2010	Unaudited 6/30/2011
Revenues	\$69,212,013	\$66,823,137	\$63,937,302	\$57,189,454	\$52,201,018
Expenditures	<u>70,908,742</u>	<u>79,475,612</u>	<u>66,703,149</u>	<u>64,741,451</u>	<u>58,969,882</u>
Excess/Deficiency	(1,696,729)	(12,652,475)	(2,765,847)	(7,551,997)	(6,768,864)
Other Sources (Uses)	<u>(866,831)</u>	<u>(568,589)</u>	<u>(478,527)</u>	<u>3,044,195</u>	<u>10,598,701</u>
Net Change	(2,563,560)	(13,221,064)	(3,244,374)	(4,507,802)	3,829,837
Beginning Fund Balance	8,915,254	6,351,694	(6,869,370)	(10,113,744)	(14,621,546)
Ending Fund Balance	<u>\$6,351,694</u>	<u>\$(6,869,370)</u>	<u>\$(10,113,744)</u>	<u>\$(14,621,546)</u>	<u>\$(10,791,709)</u>

- The City relied upon transfers from the water supply fund and the sewage disposal fund for general City operations. In 2009, City officials increased overhead charges from the water supply fund and the sewage disposal fund from \$1 million to \$2.4 million. Also in 2009, City officials began charging a return upon investments against the water supply fund and the sewage disposal fund of \$2.9 million. Combined, City officials had been utilizing \$5.3 million of water supply and the sewage disposal money for general fund operations annually. This amount of annual appropriation was not a loan and was not expected to be repaid to these funds.

Although the water supply fund had an unrestricted deficit of \$5,795,973 in 2010, and an estimated deficit of \$9,009,825 for 2011, City officials had continued to transfer money from the fund. In addition to the transfers out, both the water supply fund and the sewage disposal fund had lost money in their operations, the latter having lost over \$61 million since 2001, and the former having lost almost \$10 million since 2009. City officials recently had implemented a 35 percent increase in water and sewer rates.

- In addition to the foregoing activity, City officials had borrowed from other funds to compensate for cash shortages. For example, at June 30, 2010, the general fund owed other funds a total of \$18,002,907, of which \$11,698,376 was owed to the sewage disposal fund, \$1,059,914 was owed to the local street fund, \$1,683,733 was owed to the public improvement fund, and \$2,139,590 was owed to the self insurance fund. Local street monies may only be expended for local streets in the City, since those monies derive from Federal and State grants. Similarly, monies placed in a public improvement fund may not be expended for any other purposes.
- The City continued to experience a cash shortage. The City recently borrowed \$8.0 million in fiscal stabilization bonds, pursuant to Public Act 80 of 1981, the Fiscal Stabilization Act, to assist with cash flow shortfalls. However, there remained many negative cash balances in the City's records as of June 30, 2011. For example, the general fund had negative cash of more than \$9.5 million, the rubbish collection fund had negative cash of almost \$1.5 million, and the drinking water revolving loan fund had negative cash of more than \$3 million.

These, and other, negative cash balances represented inter-fund borrowing that was not booked as such in the City's records. As stated in the City's 2010 financial audit report, "[t]he majority of the City funds does [sic] not have their own cash accounts, but participate in a 'pooled cash account' where each fund's cash resources are pooled with the cash balances of other City funds. Pooling individual fund cash resources provides flexibility in investment options and allows for consolidated and more efficient accounting."

The audit report continued, "[h]owever, pooling cash resources also allows individual funds to spend more money than they receive, creating a lending relationship between funds with a negative balance and those with a positive balance, making the funds financial [sic] dependent on each other."

- The City's ability to pay short-term obligations was uncertain. For 2010, the general fund had only \$9 million in short-term assets to cover almost \$22 million in short-term obligations. The City's unaudited financial records lacked sufficient information to reach a meaningful conclusion in the unaudited records of the City for 2011 since total current assets equated to a negative figure.
- The City's pension system was less than 60 percent funded. Benefits were based upon factors ranging from 1.7 to 2.6 of final average compensation. As of June 30, 2008, which was the last actuarial report for the 2010 audit period, there were 1,676 active members compared to 2,820 retirees. The unfunded accrued pension liability was over \$39 million, with a one-year increase in the net pension obligation of \$1,202,047.
- City officials had failed to make staff reductions in accordance with their deficit elimination plan. According to the 2010 audit report, between 2001 and 2010, City officials did reduce staffing from total full-time equivalent positions of 1,525.8 to 767. Many of these reductions came from Police (336 to 122) and Fire (216 to 110). The City continued to reduce staff. However, of the planned 40 layoffs by July 2011, only 18 were made. Of the planned 25 layoffs after July, only seven were made.

Based upon the preliminary review, the State Treasurer concluded, and reported to the Governor on September 12, 2011, that probable financial stress existed in the City of Flint and recommended the appointment of a financial review team.

B. Review Team Findings

On September 30, 2011, the Governor appointed an eight-member Financial Review Team. The Review Team convened on October 5th, 2011, October 13th, 2011, October 17th, 2011, October 21st, 2011, and November 7th, 2011.

1. Conditions Indicative of a Financial Emergency

The Review Team found, or confirmed, the existence of the following conditions based upon information provided by City officials, or the City's audit firm, or other relevant sources:

- According to the City's fiscal year 2010 financial audit, the City's cumulative general fund deficit increased by 44.6 percent from \$10,113,744 as of June 30, 2009 to \$14,621,546 as of June 30, 2010. The one-year increase in the City's cumulative general fund deficit resulted from general fund expenditures exceeding general fund revenues by \$7,551,997. However, City officials largely offset this operating deficit by means of \$3,044,195 in other funding sources which included a \$2,990,000 transfer from the water and sewer fund to the general fund.
- The City's pooled cash position (exclusive of Hurley Medical Center) decreased significantly over the last five fiscal years as follows:

<u>Fiscal Year Ending</u>	<u>Pooled Cash</u>
2006	\$69,025,428
2007	\$63,894,691
2008	\$45,580,145
2009	\$24,688,481
2010	\$4,378,207

The deterioration in pooled cash represents another measure of the extent to which City expenditures have outpaced available resources and, consistent with the findings of the preliminary review, of the extent to which City officials have borrowed the assets of other funds to supplement the general fund. Given the extent of inter-fund borrowing, normal operating functions of funds other than the general fund are being adversely impacted. For example, during the same five-year period, business (water and sewer) related cash decreased from \$36,267,981 in 2006 to zero in 2010. Simply put, these other funds could lack sufficient cash to permit the performance of the statutory tasks assigned to them, to provide preventative maintenance, or to plan for future replacement of equipment.

- Financial audit reports for the City for its last three fiscal years reflect the following variances between general fund revenues and expenditures, as initially budgeted and as amended, versus general fund revenues and expenditures actually realized:

	<u>2007-08</u>	<u>%</u>	<u>2008-09</u>	<u>%</u>	<u>2009-10</u>	<u>%</u>
<u>Revenues</u>						
Budgeted	\$70,441,919		\$65,007,471		\$65,866,661	
Amended	\$71,059,795		\$68,471,610		\$62,441,644	
Actual	<u>\$66,823,137</u>		<u>\$63,937,302</u>		<u>\$57,189,454</u>	
Variance	(\$4,236,658)	(5.96)	(\$4,534,308)	(6.62)	(\$5,252,190)	(8.41)
<u>Expenditures</u>						
Budgeted	\$74,073,657		\$64,880,786		\$62,816,336	
Amended	\$74,907,224		\$68,053,422		\$64,734,773	
Actual	<u>\$79,475,612</u>		<u>\$66,703,149</u>		<u>\$64,741,451</u>	
Variance	(\$4,568,388)	(6.10)	\$1,350,273	1.98	(\$6,678)	(0.01)

The foregoing variances reflect several considerations. First, there is the tradition, of which the Review Team was informed, of City administrations proposing, and City Councils then adopting

without significant modification, budgets that knowingly overestimated revenues, knowingly underestimated expenditures, or both. Therefore, such budgets were facially unrealistic *ab initio*.

Second, City officials indicated to the Review Team that, while financial information is monitored and disseminated on a monthly basis, amendments to the budget to reflect actual revenues and expenditures are made only upon a quarterly, or semi-annual, basis. In other words, even after City officials are apprised of the fact that actual revenues are lower than budgeted, or that actual expenditures are higher than budgeted, or both, precious time may elapse before City officials amend the budget to address the situation.

Finally, the effect of adopting unrealistic budgets is exacerbated by the fact that City officials, as some expressed to the Review Team, "manage to the budget." Of course, the utilization of a budget as a financial management tool is eminently appropriate provided the budget accurately reflects the revenues and expenditures upon which it is predicated. However, when budgets are unrealistic when adopted and are not amended when needed to render them realistic, as has been demonstrated to be the case in the City of Flint, a budget is effectively meaningless as a financial management tool.²

² It should be noted that many of the budgetary practices of the City are wholly inconsistent with the requirements of Public Act 2 of 1968, the Uniform Budgeting and Accounting Act. Various provisions of that Act govern the budget adoption and implementation process for units of local government in Michigan and require both the adoption of realistic budgets and their timely amendment as necessary to maintain them.

For example, Section 16 of the Act requires, unless another method is provided for by charter, that the local legislative body adopt a general appropriations act which shall set forth "the amounts appropriated by the legislative body to defray the expenditures and meet the liabilities of the local unit for the ensuing fiscal year, and shall set forth a statement of estimated revenues, by source, in each fund for the ensuing fiscal year." Similarly, Section 17 requires, among other things, as follows:

If, during a fiscal year, it appears to the chief administrative officer or to the legislative body that the actual and probable revenues from taxes and other sources in a fund are less than the estimated revenues, including an available surplus upon which appropriations from the fund were based and the proceeds from bonds or other obligations issued under the fiscal stabilization act, 1981 PA 80, MCL 141.1001 to 141.1011, or the balance of the principal of these bonds or other obligations, *the chief administrative officer or fiscal officer shall present to the legislative body recommendations which, if adopted, would prevent expenditures from exceeding available revenues for that current fiscal year.* The recommendations shall include proposals for reducing appropriations from the fund for budgetary centers in a manner that would cause the total of appropriations to not be greater than the total of revised estimated revenues of the fund, or proposals for measures necessary to provide revenues sufficient to meet expenditures of the fund, or both. The recommendations shall recognize the requirements of state law and the provisions of collective bargaining agreements. Emphasis supplied.

Section 18 of the Act requires, among other things that, "[e]xcept as otherwise provided in section 19, *an administrative officer of the local unit shall not incur expenditures against an appropriation account in excess of the amount appropriated by the legislative body.* The chief administrative officer, an administrative officer, or an employee of the

- City officials consistently have failed to abide by various proposals submitted to the Department of Treasury which purported to address the City's financial deficiencies. For example, on February 28, 2011, the City administration submitted to the Department a written proposal in conjunction with a request to issue \$20.0 million in fiscal stabilization bonds. The particulars of the proposal included: a reduction of 19.5 full-time equivalent positions in the Police Department unless concessions equal to a 15 percent reduction in compensation were achieved; a reduction of 13.1 full-time equivalent positions in the Fire Department unless concessions equal to a 15 percent reduction in compensation were achieved; a reduction of 25 full-time equivalent (non police and fire) positions; a reduction in City Council positions and other organizational adjustments which required amendments to the City charter.

However, at its meeting on October 17th, 2011, the Review Team was informed that none of the proposed charter amendments had been submitted to City electors, that only a fraction of the reductions in non police and fire positions had been made, and that no additional reductions in police and fire positions had been made despite the fact that a 15 percent reduction in compensation costs had not been achieved. In respect to the latter, it is readily understandable why City officials would be reluctant to further reduce the number of police and firefighter positions. What is less readily apparent is why such reductions, or other particulars, would be included in a deficit reduction proposal in the first instance if their attainment was not realistic.

- City costs associated with actuarially determined other post employment benefits are increasing. In 2010 alone, the unfunded liability increased by nearly \$37 million (i.e., the total cost for that year was \$57,295,237, but the City funded only \$20,325,123). In the aggregate, the unfunded liability for other post employment benefits stood at \$860,623,370 as of 2010.

2. Review Team Meetings

On October 5, 2011, the Review Team met with Brian Ross, Pamela L. Hill, and Tadd Harburn of the certified public accounting firm Plante & Moran, PLLC.

On October 13, 2011, Review Team members Laura Argyle, Roger Fraser, Frederick Headen, Doug Ringler, and Brom Stibitz conducted a series of meetings in the City of Flint with Greg Eason, City Administrator; Michael Townsend, Finance Director; Alvern Lock, Police Chief; Archie L. Hayman, 68th District Court Chief Judge; William H. Crawford II, 68th District Court Judge; Paula J. McGlown, 68th District Court Administrator; Raymond Barton, Assistant Fire Chief; Donna

local unit shall not apply or divert money of the local unit for purposes inconsistent with those specified in the appropriations of the legislative body." Emphasis supplied.

The sum of the foregoing statutory provisions is not an aspirational goal, but a legal requirement that officials in units of local government annually adopt a balanced budget, monitor throughout the course of the fiscal year the revenues and expenditures contained in that adopted budget, and adjust the budget to the extent necessary to maintain it in balance.

Poplar, Human Resources Director; Robert Erlenbeck, Risks and Benefits Administrator; Douglas Bingham, City Treasurer; and Sekar Bawa, Deputy Finance Director.

On October, 17, 2011, the Review Team met with Dayne Walling, Mayor; Peter Bade, City Attorney; and with Jacqueline Poplar, City Council President; and Joshua Freeman and Scott Kincaid, City Councilmembers.

3. Other Considerations

The Review Team is cognizant of the economic and other challenges, many of them longstanding, which confront the City of Flint. However, no issue was taken by any official with the underlying conclusion of the preliminary review that probable financial stress existed within the City. Furthermore, it is noteworthy that while a number of City officials identified future initiatives and proposals, there was noticeably less emphasis upon what actually had been implemented to date to address the City's ongoing financial difficulties, to wit, the recurring instances of expenditures exceeding revenues, cumulative deficits, inter-fund borrowings, negative variances between budgeted revenues and expenditures and actual revenues and expenditures, and the deteriorating pooled cash. In short, it did not appear that City officials had moved with the degree of urgency and vigor commensurate with the seriousness of the existing financial emergency.³

Indeed, the failure of City officials to have addressed the City financial problems with greater urgency and vigor appears consistent with observations made to the Review Team regarding a lack of political will among a succession of City officials to confront reality and render difficult, but necessary, financial decisions. While some of this lack of political will has been asserted to be attributable to turnover in the office of Mayor, evidence concerning that assertion is inconclusive.⁴

C. Conclusion and Recommendation

Based upon the foregoing information, meetings and review, the Review Team confirms the findings of the preliminary review, concludes that a local government financial emergency exists within the City of Flint, and that no satisfactory plan exists to resolve the emergency. Therefore, the Review Team recommends the appointment of an emergency manager.

³ Given this, and other considerations, the Review Team declined to pursue the statutory option of a consent agreement because of the conclusion that a consent agreement would not afford an efficacious remedy to the financial emergency that exists within the City.

⁴ Since its current charter was adopted in 1974, the City has had seven Mayors, excluding two temporary Mayors, who have served an average of 5.1 years as follows: James W. Rutherford, 1975-83; James A. Sharp, 1983-87; Matthew S. Collier, 1987-91; Woodrow Stanley, 1991-02; James W. Rutherford, 2002-03; Don Williamson, 2003-09, Dayne Walling, 2009-present.

II. Section 13(3) Requirements

Section 13(3) of Act 4 requires that this report include the existence or an indication of the likely occurrence of any of the conditions set forth in subdivisions (a) through (l).⁵ The conditions in subdivisions (e), (g) (j) and (k) of Section 13(3) exist or are likely to occur, as follows:

⁵ Subdivisions (a) through (l) of Section 13(3) of the Act provide as follows:

- (a) A default in the payment of principal or interest upon bonded obligations, notes, or other municipal securities for which no funds or insufficient funds are on hand and, if required, segregated in a special trust fund.
- (b) Failure for a period of 30 days or more beyond the due date to transfer 1 or more of the following to the appropriate agency:
 - (i) Taxes withheld on the income of employees.
 - (ii) For a municipal government, taxes collected by the municipal government as agent for another governmental unit, school district, or other entity or taxing authority.
 - (iii) Any contribution required by a pension, retirement, or benefit plan.
- (c) Failure for a period of 7 days or more after the scheduled date of payment to pay wages and salaries or other compensation owed to employees or benefits owed to retirees.
- (d) The total amount of accounts payable for the current fiscal year, as determined by the state financial authority's uniform chart of accounts, is in excess of 10% of the total expenditures of the local government in that fiscal year.
- (e) Failure to eliminate an existing deficit in any fund of the local government within the 2-year period preceding the end of the local government's fiscal year during which the review team report is received.
- (f) Projection of a deficit in the general fund of the local government for the current fiscal year in excess of 5% of the budgeted revenues for the general fund.
- (g) Failure to comply in all material respects with the terms of an approved deficit elimination plan or an agreement entered into pursuant to a deficit elimination plan.
- (h) Existence of material loans to the general fund from other local government funds that are not regularly settled between the funds or that are increasing in scope.
- (i) Existence after the close of the fiscal year of material recurring unbudgeted subsidies from the general fund to other major funds as defined under government accounting standards board principles.
- (j) Existence of a structural operating deficit.
- (k) Use of restricted revenues for purposes not authorized by law.

- The City had a general fund deficit of \$14,621,546 as of June 30, 2010, which was not eliminated within the two-year period preceding the end of the fiscal year of the City during which this Review Team report is received. (Section 13(3)(e)).
- As previously noted, City officials submitted to the Department of Treasury a deficit elimination plan regarding a cumulative general fund deficit of \$7,046,820 as of June 30, 2008. That five-year plan projected a cumulative general fund deficit of \$9,124,747 as of June 30, 2010. However, the actual cumulative deficit as of that date was \$14,621,546 and the cumulative deficit as of June 30, 2011, is projected to have been approximately \$11.0 million. The deficit elimination plan also anticipated the cumulative deficit would be eliminated by 2014, but an updated plan submitted for 2010 does not purport to eliminate the cumulative deficit until the year 2030, relying heavily upon the issuance of an additional \$12.0 million of debt in 2013. (Section 13(3)(g)).
- As previously noted, the City general fund had structural operating deficits of \$1,696,729 as of June 30, 2007; \$12,652,475 as of June 30, 2008; \$2,765,847 as of June 30, 2009; and \$7,551,997 as of June 30, 2010. The general fund is projected to have had a structural operating deficit of \$6,768,864 as of June 30, 2011. (Section 13(3)(j)).

III. Review Team Report Transmittal Requirements

Section 13(3) of Act 4 also requires that a copy of this report be transmitted to Mayor Dayne Walling, Flint City Councilmembers, the Speaker of the House of Representatives, and the Senate Majority Leader.

cc: Dayne Walling, Mayor
Flint City Councilmembers
James Bolger, Speaker of the House of Representatives
Randy Richardville, Senate Majority Leader

(l) Any other facts and circumstances indicative of local government financial stress or financial emergency.

From: Daddow, Robert <daddowr@oakgov.com>
Sent: Friday, January 30, 2015 5:40 PM
To: 'Sue McCormick'; Nicolette Bateson
Cc: poissong@oakgov.com; Baird, Richard (GOV)
Subject: Flint - Random Thought
Attachments: Detroit_DWSD Flint Water Service 2015 Tr Jan 2015.pdf

Sue / Nikki – today I chatted with Rich Baird on the Flint matter given that they continue to have on-going water quality problems. Numerous articles are being written on this matter and I suspect it is getting a bit tense in Flint over this critical issue. They are balking at the cost of the DWSD water – which I understand may be a bit more expensive for them simply because of the distance and elevation – completely understandable. The attached letters indicate \$847K per month at a standard commodity rate (which I now am beginning to realize is one of the volume flow issues giving rise to the situation we are in with all communities; but we'll leave that alone for the moment).

The attached letter suggest that they can re-connect to the DWSD using the same rates offered to other communities through June 30, 2015. This seems fair and would not exacerbate the already sensitive issue of the sizable rate increases the suburban and retail customers are now facing. Notwithstanding that matter, Mr. Baird inquired of some means of lowering the rate to encourage Flint to return to the DWSD fold on a marginal costing approach that covers some portion of the fixed costs but may be slightly lower than the amount offered in the letter.

The optics of this matter to the suburban customers now facing a 9% to 14% rate increases are troublesome (sans any provision for the balance sheet issues and with little or no provision for the Detroit retail customers likely collection issues arising from these rate increases – which is going to make this summer even more troublesome when the shut offs start circa March / April). How can a reduction occur in the Flint rate covering fixed costs such that additional volumes actually would serve to reduce what would otherwise be the present proposals on the table? Theoretically, it can be justified but it is steeped in cost accounting but if we can't seem to differentiate 'rates' versus 'revenue requirement' how the heck can we justify something even more complicated to the residents or suburban customers? Perhaps I have answered my own question – it might be able to be done and prove to be beneficial, but politically its DOA. The political barrier seems to be too high a hurdle – and the approach already taken of offering to reconnect at the rates and flow previously charged is the only rational approach possible without sending what is already a very sensitive public off the deep end.

Just musing on a Friday afternoon, but I think I answered the question that Rich and I chatted about in the last part of the paragraph above.



CITY OF DETROIT
WATER AND SEWERAGE DEPARTMENT
OFFICE OF THE DIRECTOR

735 RANDOLPH STREET
DETROIT, MICHIGAN 48226-2830
WWW.DETROITMI.GOV

January 12, 2015

Mr. Darnell Earley, Emergency Manager
Mr. Dayne Walling, Mayor
City of Flint
1101 S. Saginaw Street
Flint, Michigan 48502

Dear Messrs. Earley and Walling:

Regarding: Re-establishing Detroit Water and Sewerage Department Water Service

I was recently referred to a report in MLive in which there was reference to the City of Flint (City) potentially re-visiting its decision to utilize Flint River water as a water source prior to the completion of the KWA pipeline. Within that report, there appeared to be some incorrect assumptions about the cost of water service from the Detroit Water and Sewerage Department (DWSD). I write to you today to express the willingness of DWSD to resume delivery of drinking water to the City and its residents. We have monitored the water quality issues that have troubled the City since May, 2014, and understand that many of the difficulties stem from the limited access to source water. Please know that DWSD is ready, willing and able to resume service to the City if you so desire.

If the City is interested in a long term arrangement with DWSD, with this goal in mind, we offer that the City can immediately reconnect to the DWSD system at no additional charge to the City and at the same "expired contract" rate that the City was paying in April, 2014, modified to reflect the 4% increase experienced by all other wholesale customers in July, 2014. The resulting rate structure is a fixed monthly rate of \$846,700 and a commodity rate of \$14.92/Mcf. In order to facilitate contract negotiations, DWSD is willing to extend this rate to the City (and to Genesee County as the City's partner and former customer) until June 30, 2015.

We at DWSD take very seriously the matter of drinking water quality, and we are as concerned as you must be by the continued quality issues faced by the City. We are confident that DWSD can provide you with a solution for reliable, safe, high quality water on an expeditious timeline. Please contact me directly at (313) 224-4701 if you wish to discuss this offer further.

Sincerely yours,

Sue F. McCormick
Director

cc: Governor Rick Snyder -- (via U.S. Mail)
Flint City Council, (via U.S. Mail and Electronic Mail)
Eric Mays; Jacqueline Poplar (c/o Jennie Johnson); Kerry Nelson (c/o Jennie Johnson); Joshua Freeman;
Wantwaz Davis; Herbert Winfrey (c/o Jennie Johnson); Monica Galloway; Vicki VanBuren; Scott
Kincaid (c/o Jennie Johnson)
Jeff Wright, GCDC -- (via Electronic Mail)
Mayor Mike Duggan (via Electronic Mail)
James Fausone, BOWC (via Electronic Mail)
Robert Daddow, GLWA (via Electronic Mail)



CITY OF DETROIT
WATER AND SEWERAGE DEPARTMENT
OFFICE OF THE DIRECTOR

735 RANDOLPH STREET
DETROIT, MICHIGAN 48226-2830
WWW.DETROITMI.GOV

January 12, 2015

Mr. Darnell Earley, Emergency Manager
Mr. Dayne Walling, Mayor
City of Flint
1101 S. Saginaw Street
Flint, Michigan 48502

Dear Messrs. Earley and Walling:

Regarding: Re-establishing Detroit Water and Sewerage Department Water Service

I was recently referred to a report in MLive in which there was reference to the City of Flint (City) potentially re-visiting its decision to utilize Flint River water as a water source prior to the completion of the KWA pipeline. Within that report, there appeared to be some incorrect assumptions about the cost of water service from the Detroit Water and Sewerage Department (DWSD). I write to you today to express the willingness of DWSD to resume delivery of drinking water to the City and its residents. We have monitored the water quality issues that have troubled the City since May, 2014, and understand that many of the difficulties stem from the limited access to source water. Please know that DWSD is ready, willing and able to resume service to the City if you so desire.

If the City is interested in a long term arrangement with DWSD, with this goal in mind, we offer that the City can immediately reconnect to the DWSD system at no additional charge to the City and at the same "expired contract" rate that the City was paying in April, 2014, modified to reflect the 4% increase experienced by all other wholesale customers in July, 2014. The resulting rate structure is a fixed monthly rate of \$846,700 and a commodity rate of \$14.92/Mcf. In order to facilitate contract negotiations, DWSD is willing to extend this rate to the City (and to Genesee County as the City's partner and former customer) until June 30, 2015.

We at DWSD take very seriously the matter of drinking water quality, and we are as concerned as you must be by the continued quality issues faced by the City. We are confident that DWSD can provide you with a solution for reliable, safe, high quality water on an expeditious timeline. Please contact me directly at (313) 224-4701 if you wish to discuss this offer further.

Sincerely yours,

Sue F. McCormick
Director

cc: Governor Rick Snyder --(via U.S. Mail)
Flint City Council, (via U.S. Mail and Electronic Mail)
Eric Mays; Jacqueline Poplar (c/o Jennie Johnson); Kerry Nelson (c/o Jennie Johnson); Joshua Freeman;
Wantwaz Davis; Herbert Winfrey (c/o Jennie Johnson); Monica Galloway; Vicki VanBuren; Scott
Kincaid (c/o Jennie Johnson)
Jeff Wright, GCDC --(via Electronic Mail)
Mayor Mike Duggan (via Electronic Mail)
James Fausone, BOWC (via Electronic Mail)
Robert Daddow, GLWA (via Electronic Mail)

From: Daddow, Robert <daddowr@oakgov.com>
Sent: Thursday, February 05, 2015 8:13 AM
To: Baird, Richard (GOV)
Subject: RE: Flint - Random Thought - DWSD

Just sent an email. RJD

-----Original Message-----

From: Baird, Richard (GOV) [mailto:bairdr@michigan.gov]
Sent: Wednesday, February 04, 2015 4:31 PM
To: Bob Daddow
Subject: Re: Flint - Random Thought - DWSD

Did she ever respond?

Sent from my Verizon Wireless 4G LTE DROID On Jan 31, 2015 9:13 AM, "Daddow, Robert" <daddowr@oakgov.com> wrote:

At a recent public hearing at SEMCOG and in at least one document I've seen since, the quote was that Flint had been paying \$12.5 million annually.

Your letter to Flint offers \$847K monthly - or, \$10.2M. Is the differential the break you are referencing below and if so, it appears DWSD has already provided them a deal?

---- Original message ----

>Date: Fri, 30 Jan 2015 18:25:22 -0500 (EST)
>From: Sue McCormick <mccormick@dwdsd.org>
>Subject: Re: Flint - Random Thought
>To: Robert Daddow <daddowr@oakgov.com>
>Cc: poissong@oakgov.com,"Richard 'Baird (GOV)'"
><bairdr@michigan.gov>,Nicolette Bateson <bateson@dwdsd.org>
>

> The rate we offered Flint is a bit different than
> what we calculate for our contract customers. We
> adjusted the rate of return to reflect the short
> term, terminated contract status. In other words,
> the outstanding investment, that we made to serve
> Flint somewhat recently, will not be recovered
> without a long term contract. This differential
> rate of return is now being utilized by Genesee
> County who was served through the Flint contract, so
> add to the the additional complications. If we want
> to get to a lower rate for emergency 'short term'
> service, we can evaluate our options - but we would
> have to differentiate it somehow from Genesee or
> have additional revenue loss or legal exposure there
> and without a questions there will be huge political
> issues with our other customers.
>
> Sue F. McCormick, Director

> Detroit Water and Sewerage Department
 > 735 Randolph, Room 506
 > Detroit, Michigan 48226
 > Office (313)224-4701
 > Fax (313)224-6067
 > McCormic@dwsd.org
 >
 > -----
 >
 > From: "Robert Daddow" <daddowr@oakgov.com>
 > To: "Sue McCormick" <mccormick@dwsd.org>, "Nicolette
 > Bateson" <bateson@dwsd.org>
 > Cc: poissong@oakgov.com, "Richard 'Baird (GOV)'"
 > <bairdr@michigan.gov>
 > Sent: Friday, January 30, 2015 5:40:16 PM
 > Subject: Flint - Random Thought
 >
 > Sue / Nikki - today I chatted with Rich Baird on
 > the Flint matter given that they continue to have
 > on-going water quality problems. Numerous articles
 > are being written on this matter and I suspect it is
 > getting a bit tense in Flint over this critical
 > issue. They are balking at the cost of the DWSD
 > water - which I understand may be a bit more
 > expensive for them simply because of the distance
 > and elevation - completely understandable. The
 > attached letters indicate \$847K per month at a
 > standard commodity rate (which I now am beginning to
 > realize is one of the volume flow issues giving rise
 > to the situation we are in with all communities; but
 > we'll leave that alone for the moment).
 >
 >
 >
 > The attached letter suggest that they can re-connect
 > to the DWSD using the same rates offered to other
 > communities through June 30, 2015. This seems fair
 > and would not exacerbate the already sensitive issue
 > of the sizable rate increases the suburban and
 > retail customers are now facing. Notwithstanding
 > that matter, Mr. Baird inquired of some means of
 > lowering the rate to encourage Flint to return to
 > the DWSD fold on a marginal costing approach that
 > covers some portion of the fixed costs but may be
 > slightly lower than the amount offered in the
 > letter.
 >
 >
 >
 > The optics of this matter to the suburban customers
 > now facing a 9% to 14% rate increases are
 > troublesome (sans any provision for the balance

From: Daddow, Robert [daddowr@oakgov.com]
Sent: Thursday, February 12, 2015 4:47 PM
To: Baird, Richard (GOV)
Subject: RE: Flint

FYI – instead of going to Sue M. I thought I'd go directly to folk who might provide a sensitivity analysis of sorts on the Flint return to DWSD matter.

From: Robert Daddow [mailto:daddowr@oakgov.com]
Sent: Thursday, February 12, 2015 4:45 PM
To: Bart Foster [REDACTED@m]; Nicolette Bateson (bateson@dwsd.org)
Subject: Flint

Nikki / Bart – don't need a hard and fast number on this. However, it would seem to me that in a fixed cost system such as water, if Flint were to be hooked up again at the \$847K / month cited in Ms. McCormick's January 12th memorandum and after the release of the rates yesterday, bringing Flint back would – on a marginal cost basis – serve to mitigate the wholesale (suburban) customer rate increase of 11.1% cited in yesterday's presentation. Without going into a whole lot of detailed calculations (unless necessary), what would the impact of the inclusion of Flint starting say on July 1, 2015 (hypothetical date) be on the rate increase presently now in the public? A revised increase of what – 10.6% - looking for a high level sensitivity analysis here. Can you help? RJD

From: Kelly Rossman-McKinney <krossman@truscottrossman.com>
Sent: Friday, February 13, 2015 11:09 AM
To: Baird, Richard (GOV)
Subject: RE: Re: Flint

Got it and thanks

Kelly Rossman-McKinney
CEO
Truscott Rossman . truscottrossman.com
Boji Tower . 124 W. Allegan St., Ste. 800 . Lansing, MI 48933
200 Renaissance Center, Ste. 3160 . Detroit, MI 48243
125 Ottawa Ave. N.W., Ste 235 . Grand Rapids, MI 49503

Cell: PPI
Office: (517) 487-9320
Fax: (517) 487-5080

-----Original Message-----

From: Baird, Richard (GOV) [<mailto:bairdr@michigan.gov>]
Sent: Friday, February 13, 2015 11:08 AM
To: Kelly Rossman-McKinney
Subject: Fwd: Re: Flint

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: Robert Daddow <daddowr@oakgov.com>
Date: Feb 12, 2015 10:32 PM
Subject: Re: Flint
To: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Cc:

Should not have thought politically but financially in the first place. This is very doable. We need to chat. Rjd

On Feb 12, 2015, at 10:32 PM, Bart Foster [REDACTED] wrote:

Actually, my quick take is about 8%.

Some background:

When Flint left, the annual revenue profile for the Water System was initially reduced by \$12.5 million, However, we immediately recalculated the rate for Genesee County (recognizing their higher demands), to effectively "claw back" about \$2 million of the reduction, so the net Flint impact is ~ \$10.5 million, or just under 2.5% of the (reduced) Water System rate revenue. Assuming that same amount could be replaced, and all else being equal, the "system rate

increase" could be reduced by about 3 percent, with a bit more of the reduction occurring in the suburban wholesale rate structure. Safe to say that (again, absent any other changes) the average suburban water rate increase would be closer to 8 percent compared to the current 11.1%.

Hope this helps . . .

--

Bart Foster
President
THE FOSTER GROUP
(913) 345-1410
(913) 345-1640 fax
PPI ell

Please note that the information in this message along with any attachments are intended for the exclusive use of the addressee and may contain confidential or privileged information. If you are not the intended recipient, please do not forward, copy or print the message or its attachments: notify me at the above address and delete this message and any attachments.

Thank you.

On Feb 12, 2015, at 7:02 PM, Bart Foster [REDACTED] wrote:

Bob - in transit but will review and reply this evening.

Sent from my iPhone

On Feb 12, 2015, at 3:44 PM, Daddow, Robert <daddowr@oak.gov.com<mailto:daddowr@oak.gov.com>> wrote:

Nikki / Bart - don't need a hard and fast number on this. However, it would seem to me that in a fixed cost system such as water, if Flint were to be hooked up again at the \$847K / month cited in Ms. McCormick's January 12th memorandum and after the release of the rates yesterday, bringing Flint back would - on a marginal cost basis - serve to mitigate the wholesale (suburban) customer rate increase of 11.1% cited in yesterday's presentation. Without going into a whole lot of detailed calculations (unless necessary), what would the impact of the inclusion of Flint starting say on July 1, 2015 (hypothetical date) be on the rate increase presently now in the public? A revised increase of what - 10.6% - looking for a high level sensitivity analysis here. Can you help? RJD

From: Robert Daddow <daddowr@oakgov.com>
Sent: Friday, February 13, 2015 11:38 PM
To: Baird, Richard (GOV)
Subject: Re: Flint

Nikki seems interested.

> On Feb 13, 2015, at 6:45 PM, Nicolette Bateson <bateson@dwsd.org> wrote:

>

> Hi Bob: I just saw your message. Interesting development!

>

> All: May I suggest a conference call to evaluate the options? I am available at any time and can send out the call-in number.

>

> Regards,

>

> Nickie

>

> Nicolette N. Bateson, CPA

> Chief Financial Officer

> Detroit Water & Sewerage Department

> 735 Randolph, Room 1608

> Detroit, Michigan 48226

> Office: (313)964-9225

> Cell: PPI

> Fax: (313) 964-9219

> bateson@dwsd.org

> City of Detroit

> Mike Duggan, Mayor

>

> ----- Original Message -----

> From: "Robert Daddow" <daddowr@oakgov.com>

> To: "Bart Foster" [REDACTED], "Nicolette Bateson"

> <bateson@dwsd.org>, jfausone@fb-firm.com, "Sue McCormick"

> <mccormick@dwsd.org>

> Cc: "Brian Baker" <bbaker@sterling-heights.net>

> Sent: Friday, February 13, 2015 1:53:06 PM

> Subject: RE: Flint

>

> Guys – I think we can craft a win here. In talking with Rich Baird,
> who has been working with Flint on this matter along with Dennis
> Muchmore from the Governor's staff, apparently Flint is consider this
> but is choking a bit on the amount to be billed. While I recognize
> that this amount is based on the prior contract, we are in a unique
> position over the next two weeks or so and before the BOWC takes
> action on the rates, budget, CIP and other related efforts on March 11
> th (formally March 4 th). The win would be solving the water problem

> in Flint (generally agreed that this is there issue and comes from a
 > poor decision to remove themselves from the DWSD's quality water
 > product), serving to reduce the
 > FY-2016 suburban water rates already now in the public by perhaps 2%
 > to 3%, and help to tamp down the media frenzy on this matter. It also
 > demonstrates that flow is part of the problem – DWSD adds flow, rates
 > go down.
 >
 >
 >
 > Right now, no one wins with Flint off the system – the rates for water
 > remain at 11% for suburban wholesale, Flint has bad water and the
 > press for both of us continues on this matter, along with the rate
 > media issues.
 >
 >
 >
 > Here is what I propose. Drop the monthly rate for a defined period of
 > time – they need a 15 month period. So let's drop the rate by say
 > \$50K monthly and make it a rate of \$800K / month, fixed. In doing so,
 > I suspect that the 11% rate can be dropped to roughly 8.5% to 9%
 > (subject the Foster Group's more detailed analysis) – which show the public good
 > faith. Then, if they go past the 15 month time frame, we can add costs
 > on the rate at a semi-punitive approach - \$850K \$875K or more.
 >
 >
 >
 > I believe that there is a win / win here. If the proposal is not
 > acceptable, then I'd like to hear an alternative if at all possible –
 > particularly since th3e 11% isn't selling well in the media, given the
 > misinformation out there in the public. RJD
 >
 >
 >
 >
 >
 > From: Bart Foster [REDACTED]
 > Sent: Thursday, February 12, 2015 10:33 PM
 > To: Robert Daddow
 > Cc: Nicolette Bateson
 > Subject: Re: Flint
 >
 >
 >
 >
 > Actually, my quick take is about 8%.
 >
 >
 >
 >
 >
 > Some background:

>
> When Flint left, the annual revenue profile for the Water System was
> initially reduced by \$12.5 million, However, we immediately
> recalculated the rate for Genesee County (recognizing their higher
> demands), to effectively “claw back” about \$2 million of the
> reduction, so the net Flint impact is ~ \$10.5 million, or just under
> 2.5% of the
> (reduced) Water System rate revenue. Assuming that same amount could
> be replaced, and all else being equal, the “system rate increase”
> could be reduced by about 3 percent, with a bit more of the reduction
> occurring in the suburban wholesale rate structure. Safe to say that
> (again, absent any other changes) the average suburban water rate
> increase would be closer to 8 percent compared to the current 11.1%.

>
>
>
>
>
>
> Hope this helps . . .

>
>
>
> -- Bart Foster
> President
> THE FOSTER GROUP
> (913) 345-1410
> (913) 345-1640 fax
> PPI Cell

>
>
> Please note that the information in this message along with any
> attachments are intended for the exclusive use of the addressee and
> may contain confidential or privileged information. If you are not
> the intended recipient, please do not forward, copy or print the
> message or its attachments: notify me at the above address and delete
> this message and any attachments.
> Thank you.

>
>
>
>
>
>
> On Feb 12, 2015, at 7:02 PM, Bart Foster <[REDACTED]>
>>
> wrote:

>
>
>
>
>
>

From: Robert Daddow <daddowr@oakgov.com>
Sent: Friday, February 13, 2015 11:42 PM
To: Baird, Richard (GOV)
Subject: Re: Flint

Possibly but they have been a bit hard to reach apparently since they left the field. Nikki is interested. Let's see if I can connect with her. Trouble is I am out tomorrow. Open Sunday and Monday though.

Not sure what Veolia would do that Nilkki and Bart can't. Nowling liked the notion of helping Flint and lowering the rates for wholesale.

> On Feb 13, 2015, at 8:54 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

>

> If Bart Foster is right, then the reconnect should be more palatable. Should someone from GLWA talk to Veolia?

>

> Sent from my Verizon Wireless 4G LTE DROID

> ----- Forwarded message -----

> From: "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>

> Date: Feb 13, 2015 7:13 PM

> Subject: Re: Re: Flint

> To: "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>

> Cc: "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>

>

>

> You may have already seen this (below) blurb from MLive. Also, I had a call from Jerry A. He indicated Veolia is coming to the same conclusion that it may involve tweaking of the process vs some major undertaking. We will know more next week.

>

>

> I have also attached a table Wayne's & Jerry's staff put together. My sense is there is still this thought that hooking back up to DWSD is cost neutral or nearly so. Hopefully this table shows that is not the case. The info is consistent with we sent you the other day i.e., there is an estimated 30% rate impact.

>

>

>

>

>

>

>

> FLINT, MI -- A water quality expert who has spent years working with environmentalist Erin Brockovich is expected to speak at two events in Flint Saturday, Feb. 14.

>

> Robert W. Bowcock, founder of Integrated Resource Management, met with Mayor Dayne Walling, Councilman Wantwaz Davis and others Friday, Feb. 13.

>

> Bowcock said earlier this week that he believes small treatment and distribution adjustments could help fix some of Flint's water quality problems. He toured the city's water treatment plant Friday.

>

> Walling declined to comment on his conversation with Bowcock, but city Councilman Eric Mays said he is anxious to hear his assessment and recommendations.

>

> Davis said Bowcock was straightforward in giving his opinion that the city can cut back on some of the chemicals being used to treat water.

>

> City spokesman Jason Lorenz issued a statement, saying, "The city of Flint honored a request for a tour of its water treatment plant submitted by Mr. Bowcock, as it has done with individuals and groups in the past.

>

> "(Director of Public Works) Director Howard Croft and F-1 Licensed Treatment Operator Mike Glasgow guided the tour and answered all of Mr. Bowcock's questions. Tours of the Water Treatment Plant can be arranged by appointment for interested groups by calling 810-787-6537."

>

> Bowcock is scheduled to join in a march for water quality through downtown Flint, which is planned to begin at 1 p.m. Saturday at Flint City Hall, 1101 S. Saginaw St., and end at The Durant.

>

> Bowcock is also scheduled to speak at a forum at the Saints of God Church, 2200 Forest Hill Ave., Flint, from 3-4:15 p.m.

>

> Brockovich, portrayed by Julia Roberts in a 2000 movie about her fight over the pollution of a California town, has been speaking out on Facebook about Flint's water issues for several weeks.

>

> Today, she posted a photo of Bowcock, Davis and march organizer Melissa Mays inside the Flint water plant, saying she was "so honored this community would seek my help ... and I am glad I could send Bob to get it done."

>

> In addition to customer complaints about the price and quality of the water, there were several boil water advisories in Flint in 2014 and the city was found in violation of the Safe Drinking Water Act for excess total trihalomethanes in the water supply last year.

>

> The city began using the Flint River as its source of drinking water in April after 50 years of handling only the distribution of already-treated Lake Huron water purchased from the Detroit Water and Sewerage Department.

>

> Since that time, some citizens and members of the City Council have advocated abandoning the use of the river and purchasing lake water from the Detroit until the Karegnondi Water Authority pipeline is complete.

>

> The city and Genesee County are partners in the KWA.

>

>

>

> [http://www.mlive.com/static/aff/static/img/logo_v001.png]Real Estate

>

>

> _____

> From: Baird, Richard (GOV)

> Sent: Thursday, February 12, 2015 11:34 PM

> To: Muchmore, Dennis (GOV); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY)

> Subject: Fwd: Re: Flint

>

>

> Sent from my Verizon Wireless 4G LTE DROID

> ----- Forwarded message -----

> From: Robert Daddow <daddowr@oakgov.com>
> Date: Feb 12, 2015 11:32 PM
> Subject: Re: Flint
> To: "Baird, Richard (GOV)" <bairdr@michigan.gov>
> Cc:
>
> Should not have thought politically but financially in the first place. This is very doable. We need to chat. Rjd
>
>
> On Feb 12, 2015, at 10:32 PM, Bart Foster <bfooster@fostergroupllc.com<mailto:bfooster@fostergroupllc.com>> wrote:
>
> Actually, my quick take is about 8%.
>
> Some background:
> When Flint left, the annual revenue profile for the Water System was initially reduced by \$12.5 million, However, we immediately recalculated the rate for Genesee County (recognizing their higher demands), to effectively "claw back" about \$2 million of the reduction, so the net Flint impact is ~ \$10.5 million, or just under 2.5% of the (reduced) Water System rate revenue. Assuming that same amount could be replaced, and all else being equal, the "system rate increase" could be reduced by about 3 percent, with a bit more of the reduction occurring in the suburban wholesale rate structure. Safe to say that (again, absent any other changes) the average suburban water rate increase would be closer to 8 percent compared to the current 11.1%.
>
> Hope this helps . . .
> --
> Bart Foster
> President
> THE FOSTER GROUP
> (913) 345-1410
> (913) 345-1640 fax
> **PPI** ell

> Please note that the information in this message along with any attachments are intended for the exclusive use of the addressee and may contain confidential or privileged information. If you are not the intended recipient, please do not forward, copy or print the message or its attachments: notify me at the above address and delete this message and any attachments.

> Thank you.

>
> On Feb 12, 2015, at 7:02 PM, Bart Foster <[REDACTED]>> wrote:

>
> Bob - in transit but will review and reply this evening.

>
> Sent from my iPhone

>
> On Feb 12, 2015, at 3:44 PM, Daddow, Robert <daddowr@oakgov.com<mailto:daddowr@oakgov.com>> wrote:

>
> Nikki / Bart – don't need a hard and fast number on this. However, it would seem to me that in a fixed cost system such as water, if Flint were to be hooked up again at the \$847K / month cited in Ms. McCormick's January 12th memorandum and after the release of the rates yesterday, bringing Flint back would – on a marginal cost basis – serve to mitigate the wholesale (suburban) customer rate increase of 11.1% cited in yesterday's presentation. Without going into a whole lot of detailed calculations (unless necessary), what would the impact of the inclusion of Flint starting say on July 1, 2015 (hypothetical date) be on the rate increase presently now in the public? A revised increase of what – 10.6% - looking for a high level sensitivity analysis here. Can you help? RJD

>

> <Annual Comparison Flint with DWSD 021315.pdf>

From: Daddow, Robert <daddowr@oakgov.com>
Sent: Tuesday, February 17, 2015 9:06 AM
To: Baird, Richard (GOV)
Subject: FW: Flint
Attachments: Detroit_DWSD Flint Article MLive Dated Feb 10 2015.pdf

Rich - it takes two to negotiate and Flint representatives are not at the table. In fact, they are actively trying to avoid even considering this as an alternative course of action. Me - what I'd be doing is a dual track; if the local solution fails, I'd have the second option to fall back on. But, heh, that is just me. They are over 21, have been elected to represent their residents / commercial entities and therefore are responsible for their actions - to the same people who put them there.

While I'd like to pick up a few percentage point reduction in the water rate increases for the retention of Flint, it would be short-term anyway. If we don't have a willing partner on that side, then it can only lead to further distractions from a DWSD management already stressed in dealing with the transition, normal business, and the new Financial Review Board / two policy boards that they are reporting to.

-----Original Message-----

From: Robert Daddow [mailto:daddowr@oakgov.com]
Sent: Tuesday, February 17, 2015 9:01 AM
To: 'Nicolette Bateson'
Cc: 'Brian Baker'; 'Bart Foster'; 'jfausone@fb-firm.com'; 'Sue McCormick'; 'William Wolfson'
Subject: RE: Flint

Yesterday, I received a voice mail from R. Baird (still have not connected) that indicated that the City is actively working to resolve the water matter so as to avoid connecting to the DWSD. Veolia is assisting in this matter and will be issuing a report shortly. Nikki shared the above article that provides additional guidance as well.

The voice mail from Mr. Baird indicated that the City is saving a fair amount of dollars in treating the water locally - albeit notwithstanding the known quality issues. The difference between DWSD and Flint treated water is helping to remediate other fiscal issues (potentially capital and operating) as the rates charged to the residents / commercial entities have not been changed, including perhaps other City fiscal issues. Given the active involvement of Flint in securing a resolution of this matter locally and not actively engaging DWSD in the discussions as an alternative course of action, I see no reason to pursue this matter any further. The ball is squarely in the court of the EM and Flint elected officials to resolve. RJD

-----Original Message-----

From: Nicolette Bateson [mailto:bateson@dwsd.org]
Sent: Friday, February 13, 2015 6:45 PM
To: Robert Daddow
Cc: Brian Baker; Bart Foster; jfausone@fb-firm.com; Sue McCormick; William Wolfson
Subject: Re: Flint

Hi Bob: I just saw your message. Interesting development!

All: May I suggest a conference call to evaluate the options? I am available at any time and can send out the call-in number.

Regards,

Nickie

Nicolette N. Bateson, CPA
Chief Financial Officer
Detroit Water & Sewerage Department
735 Randolph, Room 1608
Detroit, Michigan 48226
Office: (313) 964-9225
Cell: **PPI**
Fax: (313) 964-9219
bateson@dwsd.org
City of Detroit
Mike Duggan, Mayor

----- Original Message -----

From: "Robert Daddow" <daddowr@oakgov.com>

To: "Bart Foster" [REDACTED], "Nicolette Bateson" <bateson@dwsd.org>, jfausone@fb-firm.com, "Sue McCormick" <mccormick@dwsd.org>

Cc: "Brian Baker" <bbaker@sterling-heights.net>

Sent: Friday, February 13, 2015 1:53:06 PM

Subject: RE: Flint

Guys – I think we can craft a win here. In talking with Rich Baird, who has been working with Flint on this matter along with Dennis Muchmore from the Governor's staff, apparently Flint is consider this but is choking a bit on the amount to be billed. While I recognize that this amount is based on the prior contract, we are in a unique position over the next two weeks or so and before the BOWC takes action on the rates, budget, CIP and other related efforts on March 11 th (formally March 4 th). The win would be solving the water problem in Flint (generally agreed that this is there issue and comes from a poor decision to remove themselves from the DWSD's quality water product), serving to reduce the FY-2016 suburban water rates already now in the public by perhaps 2% to 3%, and help to tamp down the media frenzy on this matter. It also demonstrates that flow is part of the problem – DWSD adds flow, rates go down.

Right now, no one wins with Flint off the system – the rates for water remain at 11% for suburban wholesale, Flint has bad water and the press for both of us continues on this matter, along with the rate media issues.

Here is what I propose. Drop the monthly rate for a defined period of time – they need a 15 month period. So let's drop the rate by say \$50K monthly and make it a rate of \$800K / month, fixed. In doing so, I suspect that the 11% rate can be dropped to roughly 8.5% to 9% (subject the Foster Group's more detailed analysis) – which show the public good faith. Then, if they go past the 15 month time frame, we can add costs on the rate at a semi-punitive approach - \$850K \$875K or more.

I believe that there is a win / win here. If the proposal is not acceptable, then I'd like to hear an alternative if at all possible – particularly since th3e 11% isn't selling well in the media, given the misinformation out there in the public.
RJD

From: Bart Foster [REDACTED]
Sent: Thursday, February 12, 2015 10:33 PM
To: Robert Daddow
Cc: Nicolette Bateson
Subject: Re: Flint

Actually, my quick take is about 8%.

Some background:

When Flint left, the annual revenue profile for the Water System was initially reduced by \$12.5 million. However, we immediately recalculated the rate for Genesee County (recognizing their higher demands), to effectively “claw back” about \$2 million of the reduction, so the net Flint impact is ~ \$10.5 million, or just under 2.5% of the (reduced) Water System rate revenue. Assuming that same amount could be replaced, and all else being equal, the “system rate increase” could be reduced by about 3 percent, with a bit more of the reduction occurring in the suburban wholesale rate structure. Safe to say that (again, absent any other changes) the average suburban water rate increase would be closer to 8 percent compared to the current 11.1%.

Hope this helps . . .

-- Bart Foster
President
THE FOSTER GROUP
(913) 345-1410
(913) 345-1640 fax
PPI cell
[REDACTED]

Please note that the information in this message along with any attachments are intended for the exclusive use of the addressee and may contain confidential or privileged information. If you are not the intended recipient, please do not forward, copy or print the message or its attachments: notify me at the above address and delete this message and any attachments.

Thank you.

On Feb 12, 2015, at 7:02 PM, Bart Foster [REDACTED]
wrote:

Bob - in transit but will review and reply this evening.

Sent from my iPhone

On Feb 12, 2015, at 3:44 PM, Daddow, Robert < daddowr@oakgov.com >
wrote:

Nikki / Bart – don't need a hard and fast number on this. However, it would seem to me that in a fixed cost system such as water, if Flint were to be hooked up again at the \$847K / month cited in Ms. McCormick's January 12 th memorandum and after the release of the rates yesterday, bringing Flint back would – on a marginal cost basis – serve to mitigate the wholesale (suburban) customer rate increase of 11.1% cited in yesterday's presentation. Without going into a whole lot of detailed calculations (unless necessary), what would the impact of the inclusion of Flint starting say on July 1, 2015 (hypothetical date) be on the rate increase presently now in the public? A revised increase of what – 10.6% - looking for a high level sensitivity analysis here. Can you help? RJD

*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*

DWSD - Email Filter EMT Rule: Message Allowed

*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*

From: Workman, Wayne (TREASURY)
Sent: Saturday, February 21, 2015 9:27 PM
To: Baird, Richard (GOV)
Subject: Re: Flint

And the beginning of long delayed capital improvements that help water quality. The money saved was used upgrade the treatment plant.

Sent from my iPhone

On Feb 21, 2015, at 9:24 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

Are you saying that the current rates are entirely related to the cost of flint river water and treatment?

Sent from my Verizon Wireless 4G LTE DROID

On Feb 21, 2015 9:20 PM, "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov> wrote:

This is something that we can walk you through. Flint will need a big rate increase to buy DWSD water. No free lunch

Sent from my iPhone

> On Feb 21, 2015, at 7:14 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

>

> Let's hope that you're right since people are paying the same or more than with Detroit water and getting pretty shaky quality. We're just diverting money that went to DWSD originally into the Flint repayment and debt scheme. I assume the advantage will disappear when KWA is up and running to pay the debt and costs of intake. Let's hope the community can see the value of this somehow.

>

> Sent from my iPhone

>

>> On Feb 19, 2015, at 5:31 AM, Saxton, Thomas (Treasury) <SaxtonT@michigan.gov> wrote:

>>

>> I traded calls yesterday with Bob D. And talked to Jerry A. My intent was to get the 3 of us on the phone to resolve any confusion, etc on ongoing questions relating to Flint hooking back up with DWSD. I will try again today.

>> But again, unless I am missing something (which has been known to happen); going back to DWSD represents (lets say in round \$s) \$10mm in net add'l costs to the Flint system. There is no money to pay that other than raising rates to customers. The calculations show that would be an approx 30% increase in rates.

>> Momentarily, I will forward a preliminary analysis/presentation from the City's newly hired consultant. I just blasted thru the document but it seems to say that reconnecting with DWSD will not necessarily cure the issues that they are currently dealing with e.g., discoloration, TTHM.

>>

>>> On Feb 18, 2015, at 10:03 AM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:

>>>

>>> This train is leaving and we'll be holding the bag if we don't work out a deal on DWSD for Flint.

>>>

>>>

>>> Begin forwarded message:

>>>

>>> From: "Baird, Richard (GOV)" <bairdr@michigan.gov<<mailto:bairdr@michigan.gov>>>

>>> To: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov<<mailto:muchmored@michigan.gov>>>

>>> Subject: Fwd: FW: Flint

>>>
>>> Need to bring this to ground today if we can.
>>>
>>> Sent from my Verizon Wireless 4G LTE DROID
>>> ----- Forwarded message -----
>>> From: "Daddow, Robert" <daddowr@oakgov.com<mailto:daddowr@oakgov.com>>
>>> Date: Feb 17, 2015 9:05 AM
>>> Subject: FW: Flint
>>> To: "Baird, Richard (GOV)" <bairdr@michigan.gov<mailto:bairdr@michigan.gov>>
>>> Cc:
>>>
>>> Rich - it takes two to negotiate and Flint representatives are not at the table. In fact, they are actively trying to avoid even considering this as an alternative course of action. Me - what I'd be doing is a dual track; if the local solution fails, I'd have the second option to fall back on. But, heh, that is just me. They are over 21, have been elected to represent their residents / commercial entities and therefore are responsible for their actions - to the same people who put them there.
>>>
>>> While I'd like to pick up a few percentage point reduction in the water rate increases for the retention of Flint, it would be short-term anyway. If we don't have a willing partner on that side, then it can only lead to further distractions from a DWSD management already stressed in dealing with the transition, normal business, and the new Financial Review Board / two policy boards that they are reporting to.
>>>
>>> -----Original Message-----
>>> From: Robert Daddow [mailto:daddowr@oakgov.com]
>>> Sent: Tuesday, February 17, 2015 9:01 AM
>>> To: 'Nicolette Bateson'
>>> Cc: 'Brian Baker'; 'Bart Foster'; jfausone@fb-firm.com<mailto:jfausone@fb-firm.com>; 'Sue McCormick'; 'William Wolfson'
>>> Subject: RE: Flint
>>>
>>> Yesterday, I received a voice mail from R. Baird (still have not connected) that indicated that the City is actively working to resolve the water matter so as to avoid connecting to the DWSD. Veolia is assisting in this matter and will be issuing a report shortly. Nikki shared the above article that provides additional guidance as well.
>>>
>>> The voice mail from Mr. Baird indicated that the City is saving a fair amount of dollars in treating the water locally - albeit notwithstanding the known quality issues. The difference between DWSD and Flint treated water is helping to remediate other fiscal issues (potentially capital and operating) as the rates charged to the residents / commercial entities have not been changed, including perhaps other City fiscal issues. Given the active involvement of Flint in securing a resolution of this matter locally and not actively engaging DWSD in the discussions as an alternative course of action, I see no reason to pursue this matter any further. The ball is squarely in the court of the EM and Flint elected officials to resolve. RJD
>>>
>>> -----Original Message-----
>>> From: Nicolette Bateson [mailto:bateson@dwsd.org]
>>> Sent: Friday, February 13, 2015 6:45 PM
>>> To: Robert Daddow
>>> Cc: Brian Baker; Bart Foster; jfausone@fb-firm.com<mailto:jfausone@fb-firm.com>; Sue McCormick; William Wolfson
>>> Subject: Re: Flint
>>>
>>> Hi Bob: I just saw your message. Interesting development!
>>>
>>> All: May I suggest a conference call to evaluate the options? I am available at any time and can send out the call-in number.
>>>
>>> Regards,
>>>
>>> Nickie
>>>
>>> Nicolette N. Bateson, CPA
>>> Chief Financial Officer

>>> Detroit Water & Sewerage Department
>>> 735 Randolph, Room 1608
>>> Detroit, Michigan 48226
>>> Office: (313)964-9225
>>> Cell **PPI**
>>> Fax: (313)964-9219
>>> bateson@dwsd.org<<mailto:bateson@dwsd.org>>
>>> City of Detroit
>>> Mike Duggan, Mayor
>>>

>>> ----- Original Message -----

>>> From: "Robert Daddow" <daddowr@oak.gov.com<<mailto:daddowr@oak.gov.com>>>
>>> To: "Bart Foster" <bfoster@fostergroupplc.com<<mailto:bfoster@fostergroupplc.com>>>, "Nicolette Bateson" <bateson@dwsd.org<<mailto:bateson@dwsd.org>>>, ifausone@fb-firm.com<<mailto:ifausone@fb-firm.com>>, "Sue McCormick" <mccormick@dwsd.org<<mailto:mccormick@dwsd.org>>>
>>> Cc: "Brian Baker" <bbaker@sterling-heights.net<<mailto:bbaker@sterling-heights.net>>>
>>> Sent: Friday, February 13, 2015 1:53:06 PM
>>> Subject: RE: Flint
>>>

>>> Guys – I think we can craft a win here. In talking with Rich Baird, who has been working with Flint on this matter along with Dennis Muchmore from the Governor's staff, apparently Flint is consider this but is choking a bit on the amount to be billed. While I recognize that this amount is based on the prior contract, we are in a unique position over the next two weeks or so and before the BOWC takes action on the rates, budget, CIP and other related efforts on March 11 th (formally March 4 th). The win would be solving the water problem in Flint (generally agreed that this is there issue and comes from a poor decision to remove themselves from the DWSD's quality water product), serving to reduce the

>>> FY-2016 suburban water rates already now in the public by perhaps 2% to 3%, and help to tamp down the media frenzy on this matter. It also demonstrates that flow is part of the problem – DWSD adds flow, rates go down.
>>>
>>>
>>>

>>> Right now, no one wins with Flint off the system – the rates for water remain at 11% for suburban wholesale, Flint has bad water and the press for both of us continues on this matter, along with the rate media issues.
>>>
>>>
>>>

>>> Here is what I propose. Drop the monthly rate for a defined period of time – they need a 15 month period. So let's drop the rate by say \$50K monthly and make it a rate of \$800K / month, fixed. In doing so, I suspect that the 11% rate can be dropped to roughly 8.5% to 9% (subject the Foster Group's more detailed analysis) – which show the public good

>>> faith. Then, if they go past the 15 month time frame, we can add costs
>>> on the rate at a semi-punitive approach - \$850K \$875K or more.
>>>
>>>
>>>

>>> I believe that there is a win / win here. If the proposal is not acceptable, then I'd like to hear an alternative if at all possible – particularly since th3e 11% isn't selling well in the media, given the misinformation out there in the public. RJD
>>>
>>>
>>>
>>>
>>>

>>> From: Bart Foster [REDACTED]
>>> Sent: Thursday, February 12, 2015 10:33 PM
>>> To: Robert Daddow
>>> Cc: Nicolette Bateson
>>> Subject: Re: Flint
>>>
>>>

>>>
>>>
>>> Actually, my quick take is about 8%.
>>>
>>>
>>>
>>>
>>>
>>> Some background:
>>>
>>> When Flint left, the annual revenue profile for the Water System was initially reduced by \$12.5 million. However, we immediately recalculated the rate for Genesee County (recognizing their higher demands), to effectively "claw back" about \$2 million of the reduction, so the net Flint impact is ~ \$10.5 million, or just under 2.5% of the
>>> (reduced) Water System rate revenue. Assuming that same amount could be replaced, and all else being equal, the "system rate increase" could be reduced by about 3 percent, with a bit more of the reduction occurring in the suburban wholesale rate structure. Safe to say that (again, absent any other changes) the average suburban water rate increase would be closer to 8 percent compared to the current 11.1%.
>>>
>>>
>>>
>>>
>>>
>>> Hope this helps . . .
>>>
>>>
>>>
>>> -- Bart Foster
>>> President
>>> THE FOSTER GROUP
>>> (913) 345-1410
>>> (913) 345-1640 fax
>>> PPI cell
>>>
>>>
>>> Please note that the information in this message along with any attachments are intended for the exclusive use of the addressee and may contain confidential or privileged information. If you are not the intended recipient, please do not forward, copy or print the message or its attachments; notify me at the above address and delete this message and any attachments.
>>> Thank you.
>>>
>>>
>>>
>>>
>>>
>>> On Feb 12, 2015, at 7:02 PM, Bart Foster >
>>> wrote:
>>>
>>>
>>>
>>>
>>>
>>>
>>> Bob - in transit but will review and reply this evening.
>>>
>>> Sent from my iPhone
>>>
>>>

>>>>

>>>> On Feb 12, 2015, at 3:44 PM, Daddow, Robert <daddowr@oakgov.com<<mailto:daddowr@oakgov.com>>> >

>>>> wrote:

>>>>

>>>>

>>>>

>>>> Nikki / Bart – don't need a hard and fast number on this. However, it would seem to me that in a fixed cost system such as water, if Flint were to be hooked up again at the \$847K / month cited in Ms. McCormick's

>>>> January 12 th memorandum and after the release of the rates yesterday,

>>>> bringing Flint back would – on a marginal cost basis – serve to mitigate the wholesale (suburban) customer rate increase of 11.1% cited in yesterday's presentation. Without going into a whole lot of detailed calculations (unless necessary), what would the impact of the inclusion of Flint starting say on July 1, 2015 (hypothetical date) be on the rate increase presently now in the public? A revised increase of what – 10.6% - looking for a high level sensitivity analysis here. Can you help? RJD

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>> *_*_*_*_*_*_*_*_*_*_*_*_*_*_*_**

>>>> DWSD - Email Filter EMT Rule: Message Allowed

>>>> *_*_*_*_*_*_*_*_*_*_*_*_*_*_*_**


>>>> <Detroit_DWSD Flint Article MLive Dated Feb 10 2015.pdf>

From: Eric Rothstein <erothste@grg-ltd.com>
Sent: Wednesday, October 14, 2015 9:19 PM
To: Baird, Richard (GOV)
Subject: FW: Draft Flint Water Service Contract
Attachments: Flint Water Contract rev 100915 clean.docx

FYI — Though I'm not sure of status on technical particulars, this is what Bill W. presented to the DWSD BOWC this afternoon.

- Eric


Eric P. Rothstein, CPA
GLWA Implementation Planning Program Manager
Galardi Rothstein Group - Principal
3300 N. Lake Shore Drive, Unit 6C
Chicago, IL 60657

iPhone: 
E-Mail: erothste@grg-ltd.com
Web: www.grg-ltd.com

From: Laurie Koester <koester@dwsd.org>
Date: Wednesday, October 14, 2015 at 2:00 PM
To: Jeff McKeen <jmckeen@SOCWA.org>, Eric Rothstein <erothste@grg-ltd.com>, "thomast@detroitmi.gov" <thomast@detroitmi.gov>
Cc: Laurie Koester <koester@dwsd.org>
Subject: Draft Flint Water Service Contract

Good afternoon,

As requested, attached please find a copy of the draft water service contract currently under consideration with the City of Flint. Please be cautioned that this is only a draft and is subject to continued negotiations between the parties.

Laurie A. Koester
Associate General Counsel
Detroit Water and Sewerage Department
735 Randolph, Room 701
Detroit, Michigan 48226
Office: (313) 964-9620
Cell: 

WATER SERVICE CONTRACT

BETWEEN

CITY OF DETROIT

AND

CITY OF FLINT

TABLE OF CONTENTS

Article 1: Definitions	3
Article 2: Contract Term	5
Article 3: Early Termination Costs	6
Article 4: Service Area	7
Article 5: Pressure; Maximum Flow Rate; Minimum Annual Volume	8
Article 6: Technical Advisory Committee	13
Article 7: Rates	14
Article 8: Meters and Meter Facilities	14
Article 9: Reserved	15
Article 10: Reserved	15
Article 11: Force Majeure and Other Events	16
Article 12: Timely Payment	16
Article 13: Assignment	17
Article 14: Reserved	17
Article 15: Amendment	17
Article 16: Notices	17
Article 17: Water Quality	18
Article 18: Rights-of-Way	18
Article 19: Access to Towers and Antennas	19
Article 20: Relationship to Wastewater Services	19
Article 21: Construction Standards	20
Article 22: Operation of Storage	20
Article 23: Miscellaneous	20
Signature Page	22
Exhibit A: Customer's Water Distribution Points	23
Exhibit B: Projected Annual Volume, Minimum Annual Volume, Pressure Range, Maximum Flow Rate, Flow Split Assumptions, and Addresses for Notice	24

**WATER SERVICE CONTRACT
BETWEEN
CITY OF DETROIT
AND
CITY OF FLINT**

This Water Service Contract (“Contract”) is made between the City of Detroit, a municipal corporation, by its Water and Sewerage Department and Board of Water Commissioners (the “Board”), and the City of Flint, a municipal corporation (“Customer”). The Board and Customer may be referred to individually as “Party” or collectively as the “Parties.”

Whereas, the City of Detroit owns a public water supply system (“System”) operated by the Board; and

Whereas, the Board supplies water service to numerous governmental entities in the Board’s water service area; and

Whereas, Customer is experiencing a public health emergency and desires to obtain water service from the Board in order to abate this emergency; and

Whereas, the purpose of this Contract is to provide potable water to Customer on an emergency basis; and

ACCORDINGLY, THE PARTIES AGREE AS FOLLOWS:

**Article 1.
Definitions**

1.01 The following words and expressions, or pronouns used in their stead, shall be construed as follows:

“Adjusted Prevailing Water Rate” shall have the meaning ascribed in Article 3 herein.

“Allocation Flow Rate” shall mean the value that is established as a result of a breach of Section 5.03 herein and which value shall replace the contractual Maximum Flow Rate in the rate calculation process in the event that Section 5.04(C) herein is applied by the Board.

“Annual Volume” shall mean the actual volume of water used by Customer for the period of July 1st to June 30th as measured on bills issued from August 1st through July 31st.

“Board” shall mean the City of Detroit Board of Water Commissioners.

“City” shall mean the City of Detroit, a municipal corporation, acting through its Board of Water Commissioners.

“Contract” shall mean each of the various provisions and parts of this document, including all attached Exhibits and any amendments thereto, as may be executed and approved by Customer’s governing body and the Board of Water Commissioners.

“Contract Term” shall have the meaning ascribed in Article 2 herein.

“Customer” shall mean the Party that enters into a contract with the City of Detroit by way of this Contract, whether an authority, city, township, village or other municipal corporation recognized by the State of Michigan.

“Customer Maximum Day Demand” shall mean the Customer’s recorded water usage on the DWSD Maximum Day. Customer Maximum Day Demand shall, in conjunction with Customer Peak Hour Demand, be a component of its Maximum Flow Rate.

“Customer Peak Hour Demand” shall mean the Customer’s recorded water usage during the DWSD Peak Hour. Customer Peak Hour Demand, in conjunction with Customer Maximum Day Demand, shall be a component of its Maximum Flow Rate.

“DWSD” shall mean the City of Detroit Water and Sewerage Department.

“DWSD Maximum Day” shall mean the maximum reported water production day for the System during any twenty-four hour period as measured from 12:00 a.m. Eastern Standard Time in any given calendar year, as determined by DWSD in reviewing water production and storage reports.

“DWSD Peak Hour” shall mean the hour during the DWSD Maximum Day in which the most water is delivered to the System, measured from top-of-the-hour to top-of-the-hour (e.g. 7:00 a.m. to 8:00 a.m.), and as determined by DWSD in reviewing water production and pumping reports. In calculating the DWSD Peak Hour, the time period from 11:00 PM to 5:00 AM Eastern Standard Time (EST) shall not be considered provided, however, that if Customer has an approved Filling Schedule, the time period specified in the Filling Schedule shall supersede the time period of 11:00 PM to 5:00 AM EST.

“Early Termination Costs” shall have the meaning ascribed in Article 3 herein.

“Filling Schedule” shall have the meaning ascribed in Article 22 herein.

“Maximum Flow Rate” shall mean the aggregate amount of water usage that Customer commits not to exceed, as determined by the Customer Maximum Day Demand and the Customer Peak Hour Demand, collectively.

“Meter Facilities” shall mean a location in which a water meter is housed including, without limitation, meter pits and meter vaults.

“Minimum Annual Volume” shall mean fifty percent of Customer’s Projected Annual Volume.

“Notices” shall mean all notices, consents, approvals, requests and other communications required to be given under the terms of this Contract.

“Pressure Problem” shall have the meaning ascribed in Article 5 herein.

“Pressure Range” shall have the meaning ascribed in Article 5 herein.

“Projected Annual Volume” shall mean the projected annual water sales to Customer as set forth in Exhibit B.

“Service Area” shall mean the mutually agreed upon area where Customer is permitted to distribute water received from the Board under the terms of this Contract which (a) may be entirely within the corporate limits of Customer or may exceed the corporate limits of Customer and (b) which may or may not include the entire geographical area within the Customer’s corporate limits.

“System” shall mean the public water works system owned and operated by the City of Detroit, acting through its Board of Water Commissioners and its Water and Sewerage Department.

“Technical Advisory Committee” shall mean the committee consisting of representatives of the Detroit Water and Sewerage Department, wholesale water customers of the Detroit Water and Sewerage Department and their respective representatives, and shall include its successor or replacement if altered or discontinued. The Technical Advisory Committee or its successor shall remain in existence for a minimum term of January 1, 2008 until December 31, 2038 unless the committee determines otherwise.

“Water Distribution Points” shall have the meaning ascribed in Article 4 herein.

Article 2.

Contract Term

- 2.01 Term. The Board shall sell and supply water to Customer from the System in accordance with the terms of this Contract for a period of nine months from the effective date of this Contract (the “Contract Term”), subject to Article 3 herein. The effective date of this Contract shall be the date that this Contract is approved by the Customer’s governing body or the Board whichever is later.
- 2.02 Extension of Term. Should the concern for public health continue beyond the initial Contract Term and a reasonable alternative to the temporary service provided by the Board does not readily exist, the Contract Term may be extended for any mutually agreeable period through a letter which sets forth the emergent circumstances signed by the Parties.
- 2.03 Reserved.

Article 3.

Early Termination Costs

- 3.01 Early Termination Costs. In addition to any other remedies provided for by law or by the terms of this Contract, Customer shall be liable to the Board for the payment of any costs incurred by the Board related to providing water to Customer in the event Customer terminates this Contract before the conclusion of a Contract Term (“Early Termination

Costs”), unless Customer terminates this Contract for cause in accordance with Article 10; provided, however, that payment of such Early Termination Costs by Customer shall not entitle Customer to receive water service from the Board.

- 3.02 Calculation of Costs. Payment of Early Termination Costs will be calculated by applying the Adjusted Prevailing Water Rate to the Minimum Annual Volume requirements for the remainder of the Contract Term. The Adjusted Prevailing Water Rate shall be the rate charged by the Board to Customer as of Customer’s effective termination date, adjusted annually to reflect projected inflationary increases utilizing a locally based wholesale price index. The Parties may agree upon another standardized price index. The Board may seek a recommendation from the Technical Advisory Committee on the amount of the Early Termination Costs.
- 3.03 Specifically Constructed Facilities. If the Board has constructed facilities specifically for the benefit of Customer, additional costs may be included in the calculation of the Early Termination Costs, provided that any such facilities shall be identified in a written agreement between the Board and Customer at or near the time of construction.
- 3.04 Formation of Water Authority. Customer may join with another authority, city, township, village or other municipal corporation recognized by the State of Michigan to form a water authority for the sole purpose of collectively contracting for water service from the Board. The exercise of this right shall not be construed as an early termination of this Contract and this Contract shall be voided upon the approval of a new water service contract by Customer’s governing body and the Board.
- 3.05 Customer Annexation or Consolidation. In the event the territory of Customer is annexed or consolidated with another Michigan municipal corporation and if said municipal corporation is a current customer of the Board, then such an annexation or consolidation shall not be construed as an early termination of this Contract and this Contract shall be voided upon the approval of a new or amended water service contract with the annexing or consolidating municipal corporation.

Article 4. Service Area

- 4.01 Delivery Location. Water shall be delivered by the Board to Customer at the location(s) identified in Exhibit A (collectively, the “Water Distribution Points”), and at other locations as may be mutually agreed upon in writing by the Board and Customer. The Board shall not require Customer to pay any fee to reconnect to the System. The Customer shall bear any and all actual costs, including without limitation capital and labor costs, associated with any work required to reconnect Customer to the System.
- 4.02 Limit of Responsibility. The Board shall have no responsibility for distributing, operating, repairing, replacing and maintaining any portions of the Customer’s water supply system downstream of the Water Distribution Points shown in Exhibit A, provided, however, that this Section 4.02 does not prevent the application of the provisions of Section 11.02 herein.
- 4.03 Board Responsibility. The Board owns and is responsible for operating and maintaining all parts of its System upstream from Customer’s Water Distribution Points. Should the Board fail to maintain its Meter Facilities and/or any Board owned and maintained

equipment within the Meter Facilities, Customer shall provide written notice to the Board which describes the objectionable condition of the Meter Facility and/or the equipment within, and its intent to take reasonable steps to maintain the condition and charge the reasonable cost of doing so to the Board. Upon receipt of the notice and subject to Section 11.01, the Board shall have thirty calendar days to repair the condition specified in the notice, unless a force majeure event prevents the repair within the thirty-day period. If the Board has not repaired the condition at the conclusion of the thirty-day period and has not provided a written explanation to Customer explaining the reason for the delay (e.g. necessary parts are on order or occurrence of a force majeure event specified in Section 11.01), then Customer may take reasonable steps to maintain the specified condition and charge the reasonable cost of doing so to the Board.

- 4.04 Extension of Service Area. Customer's distribution of water supplied by the Board shall be limited to the Service Area stated in Exhibit A. The Parties agree that situations may arise in which Customer desires to extend its Service Area, either temporarily or permanently, beyond its corporate limits. Should such a situation arise, Customer shall provide written notice to the Board explaining the nature, duration and extent of the requested Service Area extension. The Board shall have the option, which it may exercise at any time, of requiring a written amendment to this Contract to accommodate the change in Service Area. Should the Board determine that an immediate amendment is required, the Parties shall, within thirty calendar days of Customer's request, meet to negotiate mutually agreeable terms for the extension of the Service Area. The Board shall not unreasonably deny a request to extend the Service Area.
- 4.05 Change or Addition of Water Distribution Points. Water Distribution Points may be added or changed only by the express written agreement of the Board and Customer and shall be embodied in a written amendment to this Contract.
- 4.06 Sole Supplier. Except as provided in Article 17 herein, the Board shall be the sole supplier of public potable water to Customer's Service Area.

Article 5.

Pressure; Maximum Flow Rate; Minimum Annual Volume

- 5.01 Pressure Range. The Board shall use its best efforts to deliver water at the Water Distribution Points at a pressure range ("Pressure Range") adequate to meet the reasonable requirements of Customer. For purposes of evaluating this effort, water pressure shall be determined by reviewing the average hourly pressure measured from top-of-the-hour to top-of-the-hour (e.g. 7:00 a.m. to 8:00 a.m.). The Pressure Range to be provided by the Board to Customer's Water Distribution Points is specified in Exhibit B. The location at which the water pressure will be measured shall be specified in Exhibit A and identified as point "P". A Pressure Range will not be established for water meters that are not located on a DWSD transmission main, or which are located on a DWSD transmission main and are downstream of and subject to the flow demands of a water meter for another Board customer.
- 5.02 Remedy for Non-Compliance with Pressure Range. If the water pressure at Customer's Water Distribution Points is above or below the Pressure Range, at Customer's request the Parties shall meet within thirty calendar days to discuss the reasons for the non-compliance and, if agreed necessary, develop and implement a mutually agreeable

written corrective action plan within sixty calendar days of the meeting, or as otherwise agreed. The corrective action plan shall include a timetable for resolution of the non-compliance issue(s).

- A. If it is determined that another customer's exceedance of the rates of flow established by that customer's Maximum Flow Rate caused or contributed to the Board's inability to meet its Pressure Range agreement with Customer, then the corrective action plan shall provide for the resolution of the issue.
- B. If Customer is exceeding the rates of flow established by its Maximum Flow Rate on a day other than the DWSD Maximum Day at the time Customer experiences a variation from the Pressure Range, then the Board shall be relieved from its obligation to provide water to Customer within the Pressure Range for that period of time during which Customer is exceeding the rates of flow established by its Maximum Flow Rate.

5.03 Maximum Flow Rate. Customer's Maximum Flow Rate is specified in Exhibit B. Customer shall not exceed the Maximum Flow Rate specified in Exhibit B, as measured in million gallons on the DWSD Maximum Day and during the DWSD Peak Hour.

- A. The Board shall notify all customers in writing on or before October 1 of each calendar year if Customer or any other wholesale customer is alleged to have exceeded its Maximum Flow Rate in a given calendar year. The notice shall state the day and/or hour that Customer or any other wholesale water customer is alleged to have exceeded its Maximum Flow Rate.
- B. If Customer is alleged to be in breach of its obligations under this Section 5.03, the Board and Customer shall endeavor to meet before November 1 of the current calendar year, or as soon as practicable, for the purposes of validating the breach, reviewing and analyzing the causes, and to negotiate a possible remedy pursuant to Sections 5.04 and 5.05 herein.
- C. The Technical Advisory Committee's Analytical Work Group, or its successor shall review any alleged breach of this Section 5.03.
 - i. The Analytical Work Group shall meet once, at a minimum, on or before November 1 of each calendar year to review the alleged breaches, if any, and may thereafter schedule subsequent meetings as necessary to conclude its review.
 - ii. The Board will seek a recommendation from the Analytical Work Group on (1) an Allocation Flow Rate, if any, and/or (2) concurrence with the remedy tentatively negotiated between Customer and the Board, if any. Customer and the Board shall have the right to present any information related to the alleged breach a Party deems necessary to the deliberations.
 - iii. Any recommendation submitted by the Analytical Work Group shall be received by the Board on or before December 1 of each calendar year.

5.04 Remedy for Non-Compliance with Maximum Flow Rate. The Board has no obligation to supply to Customer more than the Maximum Flow Rate. If Customer exceeds its Maximum Flow Rate on the DWSD Maximum Day or during the DWSD Peak Hour, the Board and Customer may, as needed, take one or more of the following actions set forth in this Section 5.04. The applicability of any particular action shall be evaluated by the Board on a case-by-case basis.

- A. The Board may require that Customer take all reasonable steps to reduce its consumption to the Maximum Flow Rate. Such steps may include water conservation measures, outdoor water use restrictions, water loss studies and remediation, and an internal system operation evaluation.
- B. The Parties may meet to negotiate a new Maximum Flow Rate. If so negotiated, Customer shall pay the rate associated with the new Maximum Flow Rate in the subsequent rate year.
- C. For ratemaking and cost allocation purposes only, the Board may recalculate Customer's rate for the current and/or subsequent fiscal years utilizing a revised cost allocation formula as follows:
 - i. The Board shall, as set forth below, establish an Allocation Flow Rate to replace the contractual Maximum Flow Rate in the rate calculation process.
 - ii. The Allocation Flow Rate shall be applied from no earlier than the first exceedance date forward.
 - iii. The Allocation Flow Rate will be at least equal to the flow rate demonstrated by Customer on the DWSD Maximum Day, and may be higher than the actual flow rate demonstrated by Customer.
 - iv. Pursuant to Section 5.03(C), if the Board receives a recommendation on the Allocation Flow Rate to be applied from the Analytical Work Group and the recommendation is higher than twice the amount by which the demonstrated flow rate exceeded the original Maximum Flow Rate, then the Board shall be limited to establishing an Allocation Flow Rate that is at least equal to the flow rate demonstrated by Customer on the DWSD Maximum Day and no higher than the recommendation provided by the Analytical Work Group.
 - v. If no recommendation on the Allocation Flow Rate to be applied is received by the Board, or if the Board receives a recommendation and the recommendation is less than twice the amount by which the demonstrated flow rate exceeded the original Maximum Flow Rate, then the Board shall be limited to establishing an Allocation Flow Rate that is at least equal to the flow rate demonstrated by Customer on the DWSD Maximum Day and no higher than twice the amount by which the demonstrated flow rate exceeded the original Maximum Flow Rate.

- vi. The Allocation Flow Rate will continue to be applied to each subsequent year's rate calculation process until the Maximum Flow Rate is renegotiated.
- vii. If a rate has been approved for the subsequent fiscal year (July 1st to June 30th) but the rate has not yet been applied, the Board may modify Customer's rate for that subsequent fiscal year to account for an exceedance of its Maximum Flow Rate.
- viii. If the Board has built capital facilities based upon Customer's negotiated Maximum Flow Rate and Customer consistently exceeds its Maximum Flow Rate, then the Board may re-calculate the amount of Customer's percentage of the capital cost of such facilities

5.05 Procedure for Non-Compliance with Maximum Flow Rate. In addition to the remedies specified in Section 5.04, if Customer has failed in its obligations under Section 5.03, the Parties shall meet to discuss the reasons for the non-compliance and if agreed necessary, develop a mutually agreeable written corrective action plan by December 31 of the year in which the non-compliance occurred, or as otherwise agreed. Any corrective action plan required under this Section 5.05 shall include a timetable for resolution of the non-compliance issue(s).

- A. If the Parties determine that a corrective action plan is not required and an incident of non-compliance occurs in the subsequent calendar year, the Parties shall meet to develop a mutually agreeable written corrective action plan by December 31 of the year in which the non-compliance occurred, or as otherwise agreed.
- B. In the event the reason for Customer's non-compliance under Section 5.03 is due to a Customer water main break, fire or meter calibration performed by DWSD, these events will be taken into consideration in determining (1) whether a corrective action plan is warranted and (2) the extent to which, if any, the steps specified in Section 5.04 should apply.

5.06 Minimum Annual Volume. Customer shall purchase from the Board not less than the Minimum Annual Volume of water specified in Exhibit B. If Customer's Annual Volume is less than the Minimum Annual Volume, Customer shall pay to the Board an amount computed by applying the current rate to the Minimum Annual Volume less any amounts already billed to the Customer by the Board.

5.07 Periodic Review. For Customer and System planning purposes and, with regard to the Minimum Annual Volume, enforcement of the provisions of Article 3, a Maximum Flow Rate, Pressure Range, Projected Annual Volume and Minimum Annual Volume shall be established by mutual agreement for the Contract Term. If the Contract Term exceeds two years, a contractually binding Maximum Flow Rate, Pressure Range, Projected Annual Volume and Minimum Annual Volume shall be established by mutual agreement for first two years of the Contract Term. If the Contract Term exceeds two years, not later than the second year of the Contract Term, the Board and Customer shall negotiate a contractually binding Maximum Flow Rate, Pressure Range, Projected Annual Volume and Minimum Annual Volume for the succeeding three years of the Contract Term. If

the Contract Term exceeds five years, not later than the fifth year of the Contract Term, and every five years thereafter, the Board and Customer shall negotiate a contractually binding Maximum Flow Rate, Pressure Range, Projected Annual Volume and Minimum Annual Volume for the succeeding five years of the Contract Term. If the Parties do not negotiate new or revised Maximum Flow Rates, Pressure Ranges, Projected Annual Volumes and Minimum Annual Volumes according to the aforementioned schedule, then the figures established for planning purposes (as shown in italicized type in Exhibit B) shall become contractually binding for the then-current three or five year term.

5.08 Remedy for Excessive Rate(s) of Flow Causing Pressure Problem(s). Customer acknowledges that Customer's rates of flow may cause and/or contribute to the Board's inability to meet its Pressure Range agreements with Customer and/or the Board's other customers (hereinafter, "Pressure Problem"). The Board may review or monitor Customer's daily rates of flow if a Pressure Problem occurs and the Board's Pressure Range agreement with Customer and/or another customer of the Board is alleged to have been breached. The approximate rate of flow by individual meter location used to establish the Pressure Range and Maximum Flow Rate is specified in Exhibit B. If a Pressure Problem occurs, the Parties shall meet to discuss the reasons for the Pressure Problem and develop and implement a mutually agreeable written corrective action plan within sixty calendar days of the Pressure Problem, or as otherwise agreed. The corrective action plan may require one or both of the following steps:

- A. The Board may require that Customer take all reasonable steps to reduce its consumption to the rate of flow established by the Maximum Flow Rate. Such steps may include water conservation measures, outdoor water use restrictions, water loss studies and remediation, and an internal system operation evaluation. In addition, the Board may require that Customer adjust its rate of flow at individual meters, including the establishment of a not-to-exceed flow rate for individual meters.
- B. The Parties may meet to negotiate a new Maximum Flow Rate. If so negotiated, Customer shall pay the rate associated with the new Maximum Flow Rate in the subsequent rate year.

If the Parties determine that a corrective action plan is not required and a subsequent Pressure Problem occurs, the Parties shall meet to develop and implement a mutually agreeable written corrective action plan within sixty calendar days of the subsequent Pressure Problem, or as otherwise agreed. Any corrective action plan required under this Section 5.08 shall include a timetable for resolution of the Pressure Problem. In the event the reason for the Pressure Problem is due to a Customer water main break, fire or meter calibration performed by DWSD, these events will be taken into consideration in determining (1) whether a corrective action plan is warranted and (2) the extent to which, if any, the steps specified above in this Section 5.08 should apply.

5.09 Board Costs for Corrective Action Plan. If at any time the Board is required under the terms of this Article 5 to develop and implement a corrective action plan and the plan involves incurring capital costs, the Board will determine whether the costs will be charged as a System cost or whether the cost will be borne by a specific customer or customers. If the Board determines that all or part of the costs should be borne by a

specific customer or customers, the Board will seek a recommendation from the Technical Advisory Committee on the assessment of the costs.

- 5.10 Customer Costs for Corrective Action Plan. If at any time Customer is required under the terms of this Article 5 to develop and implement a corrective action plan, Customer shall be so informed in writing and Customer will pay all costs related to the corrective action plan.

Article 6.

Technical Advisory Committee

- 6.01 Establishment. The Technical Advisory Committee is formed to facilitate a cooperative working partnership between the Board and its wholesale water customers by facilitating the development of recommendations regarding System planning and supply to DWSD management and the Board. The Technical Advisory Committee shall maintain bylaws that govern the way it conducts its business. In the event of a conflict between the terms of the bylaws adopted by the Technical Advisory Committee and the terms of this Contract, the terms of this Contract shall control.
- 6.02 General Responsibilities. The Technical Advisory Committee shall periodically review and evaluate the rates, rate methodology, and performance of the System. The Technical Advisory Committee shall review and evaluate flow rates, pressures and Annual Volumes for the System at a minimum of every five years to assist the Board in its System planning effort. The Technical Advisory Committee shall have the opportunity each year to review the Capital Improvement Program as prepared by DWSD, prior to its adoption by the Board. The Technical Advisory Committee may consider Customer proposals for improving the operation of Customer's water system and/or the System. The Board will supply the Technical Advisory Committee with information the Board deems reasonably necessary to accomplish the general responsibilities defined in this Section 6.02.
- 6.03 Annual Report by Board. The Board will present an annual report to the Technical Advisory Committee which shall consist of (1) all instances of non-compliance with the Parties' obligations contained in Article 5 herein, including Customer and Board responses thereto; (2) a general report on System operation and maintenance; and (3) a report that lists those contracts, if any, that have been entered into by the Board and another customer(s) where the terms of the contract(s) invoke the application of Article 14 herein.
- 6.04 Notification of Rates. The Board shall provide Customer and the Technical Advisory Committee with notice of the proposed rates for each fiscal year as early as possible before the implementation of the rates.
- 6.05 Disclosure of Rate Information by Board. Each year, the Board will disclose to Customer and the Technical Advisory Committee information related to wholesale rates.
- 6.06 Disclosure of Rate Information by Customer. Each year, Customer will disclose to its customers information related to its retail rates and other charges, and information regarding what portion of those costs is related to charges from DWSD and/or other major service providers.

- 6.07 Work Groups. The Technical Advisory Committee may create work groups to address specific issues facing the System. The work groups in existence as of January 1, 2008 are the Analytical Work Group, the Best Practices Work Group, the Contract Work Group, the Customer Service Work Group, the Emergency Preparedness Work Group, and the Rates Work Group. Any reference to a particular work group in this Contract shall include its successor or replacement if altered or discontinued.

Article 7.

Rates

- 7.01 Rates. Customer agrees to pay for all water supplied by the Board at such rates as the Board may establish. Rates shall be reasonable in relation to the costs incurred by the Board for the supply of water and shall conform to Public Act 34 of 1917, Michigan Compiled Laws, Sec. 123.141, et seq., as amended. The Board shall give written notice of any changes in the rates. Notice shall be made in accordance with Section 5e of Public Act 279 of 1909, Michigan Compiled Laws, Sec. 117.5e, as amended, (“Act 279”).
- 7.02 Notification of Rates. As soon as possible in the ratemaking process, the Board shall provide information on proposed rates and the draft data and information used in the calculation of proposed rates in a format that will enable Customer to assist in the ratemaking process. Not less than thirty calendar days prior to the hearing required by Act 279, the Board shall provide Customer with written notice of a proposed rate and the underlying data used to calculate the rate. The Board shall meet with Customer to review the rate and the data.
- 7.03 Estimate of Usage. In the event meters fail to correctly measure the quantity of water supplied to Customer for any period of time, the Board shall provide a reasonable estimate of the quantity of water supplied to Customer for such period provided that there is a reasonable basis for the estimate. Customer and the Board shall, either through their respective technical representatives and/or the Technical Advisory Committee, seek agreement upon a method to estimate such quantities. In the event the Parties are unable to agree upon a method to estimate such quantities, the Board’s determination of a method shall be conclusive and the Customer agrees to accept the estimate established by the Board.
- 7.04 Rate Methodology. The Board agrees to provide to Customer a description of the current methodology for rate making in the form of the “Rates 101” document produced by the Technical Advisory Committee, as may be periodically updated. The “Rates 101” document, entitled *DWSD Rates: Understanding DWSD Wholesale Water Rates*, and any updates thereto shall be provided to Customer via posting on the DWSD website.

Article 8.

Meters and Meter Facilities

- 8.01 Metering Requirement. All water furnished by the Board to Customer shall be measured by water meters installed in Meter Facilities at Customer’s Water Distribution Points unless, in the Board’s determination, it is not feasible to install water meters due to the configuration of Customer’s water system.

- 8.02 Existing Distribution Points. As of the effective date of this Contract, the Board shall own, operate and maintain all water meters and Meter Facilities for all existing Water Distribution Points, unless specifically indicated otherwise in Exhibit A.
- 8.03 Customer Maintenance Responsibilities. Customer shall be responsible for maintaining at its Water Distribution Points any and all appurtenances as may be designated as Customer's responsibility in Exhibit A. Should Customer fail to maintain the appurtenances shown in Exhibit A, the Board may take reasonable steps to maintain the appurtenances and charge the reasonable cost of doing so to Customer. Prior to the Board taking action to maintain the appurtenances, the Board shall give Customer thirty days written notice to complete the required maintenance. Notice to the Customer shall not be required if, in the Board's determination, there exists an emergency condition affecting the operation of the System or if the health, safety and welfare of the general public may be jeopardized.
- 8.04 New Distribution Points. For any new Water Distribution Points that may be constructed or installed after the effective date of this Contract, Customer shall furnish at Customer's expense, a water meter and Meter Facility that meets the Board's specifications. Thereafter, the Board shall furnish any replacement water meters for new Water Distribution Points and the expense shall be recovered through the Board's rates as a System cost. The Board shall own, operate and maintain all water meters and Meter Facilities after construction, installation or replacement, unless specifically indicated otherwise in Exhibit A.
- 8.05 Meter Repair and Replacement. If the Board initiates a meter repair or meter replacement, the cost shall be recovered through the Board's rates as a System cost. If Customer requests a meter replacement for reasons other than malfunction or disrepair, Customer shall pay the cost of the replacement.
- 8.06 Pressure Regulating Facilities. After the effective date of this Contract, all newly installed Customer-owned pressure regulating facilities shall be installed in a facility that is separate from the Board's Meter Facility.

**Article 9.
Reserved**

**Article 10.
Reserved**

**Article 11.
Force Majeure and Other Events**

- 11.01 Force Majeure. No failure or delay in performance of this Contract, by either Party, shall be deemed to be a breach thereof when such failure or delay is caused by a force majeure event including, but not limited to, any Act of God, strikes, lockouts, wars, acts of terrorism, riots, epidemics, explosions, sabotage, breakage or accident to machinery or lines of pipe, the binding order of any court or governmental authority, or any other cause, whether of the kind herein enumerated or otherwise, not within the control of a

Party, except that no cause or contingency shall relieve Customer of its obligation to make payment for water delivered by the Board.

- 11.02 Board Liability. Except to the extent that the Board is the proximate cause, the Board shall not be held liable or accountable for any bursting, leakage, breakage, damage or accident of any kind that may occur to Customer's water works system, or any damages of any kind or nature, including, but not limited to, injury to persons or damage to property, resulting from such bursting, leakage, breakage, damage or accident that may occur to water mains or pipes located downstream of the Water Distribution Points specified herein, or located within Customer's distribution system.
- 11.03 Discontinuance of Service. In the event the public health, safety and welfare requires the Board to discontinue temporarily all or part of the supply of water to Customer, no claims for damages of any kind or nature for such discontinuance shall be made by Customer against the Board. The Board will provide notice to Customer of any temporary discontinuance of the water supply.

Article 12.

Timely Payment

- 12.01 Billing and Payment. Bills for water service shall be rendered to Customer on a monthly basis. All such bills shall be due and payable within forty-five calendar days from the date shown on the bill. Any portion of the charges that are not paid by the due date shall be subject to a finance charge at a rate of 1.5% per month for each month that they remain unpaid. Any portion of the total bill, plus any finance charges applied to the bill which are not paid by the next billing date, shall be shown on the next bill as arrears.
- 12.02 Dispute. The Board may disconnect water service in accordance with the terms of Section 12.03. The Board shall not terminate water service if there is a good faith dispute concerning the accuracy of billings. If the accuracy of a bill is in dispute, Customer shall have ten (10) business days in which to provide written notice to the Board of its dispute with the bill and shall place the disputed amount in an escrow account, separate from the account required by Section 12.03, pending resolution of the dispute. Accrued interest on the escrow account shall belong to the Party that prevails in the resolution of the dispute.
- 12.03 Escrow of Funds. Prior to water services being provided by the Board, Customer shall deposit in escrow account an amount equal to Seven Million Nine Hundred Forty-Five Thousand Two Hundred and 00/100 Dollars (\$7,945,200.00) as security for payment of the services. If at any time Customer becomes thirty (30) days or more delinquent in the payment of an invoice, the Board shall be immediately entitled to withdraw from the escrow account an amount equal to the delinquency, including late fees and interest. In the event the Board is required to make a withdrawal from the escrow account, Customer shall have thirty (30) days after the date of such withdrawal in which to replenish the sum of the withdrawn funds. Failure to so replenish the funds shall permit the Board to terminate services to Customer. At the conclusion of the Contract Term, if Customer is in good standing with the Board and there are funds remaining in the escrow account, Customer shall be entitled to all such funds, including any accrued interest. At the conclusion of the Contract Term, if Customer is indebted to the Board, the Board shall be entitled to the funds in the account necessary to reconcile the debt, including late fees,

interest and reasonable costs and fees, and any remaining funds shall be returned to Customer.

- 12.04 Account Stated. If Customer fails to make timely payment on invoices due as set forth in this Contract, the Board shall be entitled to have a judgment entered against Customer for the entire unpaid balance, together with late fees, finance charges, interest, and the costs and reasonable attorney fees required to obtain that judgment. The Board shall be entitled to file this Contract in a court of proper jurisdiction as evidence of Customer's agreement to the existence of the debt stated and Customer's agreement to its liability for that debt.

**Article 13.
Assignment**

- 13.01 The Board shall be permitted to assign this Contract to any successor in interest without the prior consent of Customer. Thereafter, and as soon as practicable, the Board shall provide written notice to Customer of the assignment.

**Article 14.
Reserved**

**Article 15.
Amendment**

- 15.01 The Parties may periodically consider it in their best interests to change, modify or extend a term, condition or covenant of this Contract for reasons which may include, but are not limited to, the creation, expansion or closing of industry or other business. Any change, addition, deletion, extension or modification that is mutually agreed upon by the Board and Customer shall be incorporated in a written amendment to this Contract. Such amendments shall not invalidate this Contract nor relieve or release either Party of any of its respective obligations under this Contract unless so stated in the amendment.
- 15.02 No amendment to this Contract shall be effective and binding upon the Parties unless it expressly makes reference to this Contract, is in writing, is signed and acknowledged by duly authorized representatives of both Parties.

**Article 16.
Notices**

- 16.01 Except as otherwise specified herein, all notices, consents, approvals, requests and other communications (collectively, "Notices") required or permitted under this Contract shall be given in writing and mailed by first class mail to the Parties and at the addresses identified in Exhibit B.
- 16.02 All Notices shall be deemed given on the day of post-marked mailing. Any Notice given by a Party hereunder must be signed by an authorized representative of such Party.
- 16.03 Notwithstanding the requirement above as to the use of first-class mail, change of address notices, termination notices, and other Notices of a legal nature, shall be sent by certified first-class mail, postage prepaid, return receipt requested.

Article 17.
Water Quality

- 17.01 Contamination. For the protection of the health of all consumers supplied with water from the System, Customer agrees to guard carefully against all forms of contamination. Should contamination occur, the area or areas affected shall immediately be shut off and isolated, and shall remain so until such conditions shall have been abated, and the water declared safe and fit for human consumption by the properly constituted governmental health agencies having jurisdiction of the area affected. Customer shall immediately notify the Board, and the Board shall immediately notify Customer, of any emergency or condition that may affect the quality of water in either Party's system.
- 17.02 Co-mingling of Water Sources. Except in cases of emergency, Customer will not permit water from any other source of supply to be mixed or mingled with water from the System without prior written approval from the Board. In cases of emergency, only such water from sources other than the Board shall be used as shall meet the requirements of the Michigan Department of Environmental Quality, and then only in such quantities as shall be necessary to relieve the emergency.
- 17.03 Emergency Connections. During emergencies, Customer's water facilities may be used and connected, at the discretion of the Board, to water facilities serving other communities for flow in either direction to provide an adequate water supply from the System to Customer and to other areas and other units of government. Customer shall be permitted to immediately make an emergency connection when the connection point to be used has been previously approved for emergency use by the Board in writing, provided that Customer shall, after making the connection, promptly notify the Board of such event. When the emergency has been abated, the emergency connection must be severed as soon as practicable. The Board, or its designee, must approve, in writing, the continuation of any emergency connection that is required for longer than seven calendar days. If an approved emergency connection continues for more than seven calendar days, Customer must provide the Board with weekly updates on the emergency and a schedule for abatement of the emergency that must be approved by the Board in writing.
- 17.04 Water Quality. The Board shall endeavor to remain in compliance with all applicable Michigan and Federal laws, rules and regulations regarding drinking water quality.

Article 18.
Rights-of-Way

- 18.01 Use of Rights-of-Way. The Customer shall assist the Board to obtain permission to use streets, highways, alleys, and/or easements in the local governmental units within the Customer's jurisdiction for the purpose of constructing, maintaining, and operating water facilities to adequately service the Customer's jurisdiction and other areas. This assistance shall include obtaining the consent of the local governmental units, as provided in Article 7, Section 29, Michigan Constitution of 1963. In the event of such construction, the Board shall request the Customer and local governmental units within the Customer's jurisdiction to execute such separate instruments granting rights-of-way in its streets, highways, and alleys as may be reasonably required by the Board. The Board shall give the Customer notice of any construction work in the Customer's

jurisdiction. The Board shall comply with any of Customer's ordinances that apply to the construction. Customer shall inform the Board of the applicable ordinances. The Board and Customer shall meet to review the construction and its impact on their respective operations. The Board shall restore all existing structures and/or improvements laying in the right-of-way of construction to as good a condition as before the construction took place. Any such facilities constructed, maintained and operated under this section shall remain the property of the Board and shall not be operated or maintained by any entity other than the Board or its authorized representatives.

18.02 Relocation of Facilities. Should future construction by any city, township, village, or county require relocation of a water transmission main, Meter Facility or other Board facility, the cost incurred by the Board for such relocation, if not reimbursed by the entity requiring the relocation, will be charged in future rates as a common-to-all cost to all System users.

18.03 Easements. Subject to the provisions of Section 18.01 herein and to the extent that Customer has jurisdiction, the Board shall be granted temporary and permanent easements, and shall be permitted to use the streets, alleys and highways within Customer's legal jurisdiction for the purpose of constructing, operating and maintaining the System, including the relocation of water transmission mains, Meter Facilities or other Board facilities. This consent by Customer is given in compliance with Article 7, Sec. 29 of the Michigan Constitution of 1963, provided that the Board shall provide Customer with a written explanation of the type of easement required and the duration thereof.

Article 19.

Access to Towers and Antennas

19.01 Where possible, each Party shall give to the other Party access to towers and antennas under its respective jurisdiction for the purpose of transmitting information recorded in the Meter Facilities. Access shall not be unreasonably denied by either Party.

Article 20.

Relationship to Wastewater Services

20.01 Customer and the Board acknowledge that future growth in the System may place additional burdens on their respective wastewater systems. Customer, if it is also a wastewater disposal services customer of the Board, understands that any increase in the volume of water it receives from the System is not a guarantee of increased capacity in the Board's wastewater disposal system.

Article 21.

Construction Standards

21.01 The Board shall have the right to review and approve Customer's construction plans for Meter Facilities at new Water Distribution Points, water mains sized twenty-four inches

and larger, pump stations, reservoirs, water towers, and any other construction that will cross, or be within close proximity to, or have influence upon the Board's infrastructure. The Board's approval of construction plans shall be timely and shall not be unreasonably withheld.

Article 22.

Operation of Storage

- 22.01 Prior to Customer's operation of any new or existing water storage facility, Customer shall seek the Board's written approval of the filling schedule ("Filling Schedule") of the storage facility. The Board may periodically require Customer to change or adjust a previously approved Filling Schedule. The Parties shall collaborate on devising a mutually beneficial Filling Schedule. If the Parties are unable to agree upon a Filling Schedule, the Board's determination of a Filling Schedule shall be final. All Filling Schedules shall be for a period of six consecutive hours. Customer shall at all times abide by the then-current Board approved Filling Schedule. The Board shall act promptly in approving Filling Schedule requests. Nothing in this Article 22 shall prevent Customer from operating its storage facility at any time, provided that any storage operation that falls outside of the approved Filling Schedule shall not be exempt from the terms of Article 5 herein.

Article 23.

Miscellaneous

- 23.01 If any provision of this Contract or its application to any person or circumstance shall to any extent be invalid or unenforceable, the remainder of this Contract shall not be affected and shall remain valid and enforceable to the fullest extent permitted by law.
- 23.02 This Contract contains the entire agreement between the Parties and all prior negotiations and agreements are merged into this Contract. Neither Party has made any representations except those expressly set forth in this Contract, and no rights or remedies are, or shall be, acquired by either Party by implication or otherwise unless expressly set forth in this Contract.
- 23.03 Unless the context otherwise expressly requires, the words "herein," "hereof," and "hereunder," and other words of similar import, refer to this Contract as a whole and not to any particular section or subdivision.
- 23.04 The headings of the sections of this Contract are for convenience only and shall not be used to construe or interpret the scope or intent of this Contract or in any way affect the same.
- 23.05 The rights and remedies set forth in this Contract are not exclusive and are in addition to any of the rights or remedies provided by law or equity. This Contract and all actions arising under it shall be governed by, subject to, and construed according to the law of the State of Michigan.
- 23.06 The Great Lakes Water Authority is an acknowledged third party beneficiary to this Contract and this Contract shall not be construed to benefit any persons other than the Board, the Great Lakes Water Authority and Customer.

- 23.07 This Contract may be executed in any number of originals, any one of which shall be deemed an accurate representation of this Contract. Promptly after the execution of this Contract, the Board shall provide a copy to the Customer.
- 23.08 The rights and benefits under this Contract shall inure to the benefit of and be binding upon the respective Parties hereto, their agents, successors, and assigns.
- 23.09 Any and all documents, memoranda, reports, exhibits or other written material referred to in this Contract are and shall be incorporated by reference herein.
- 23.10 This Contract shall be deemed to be mutually drafted.

(Signatures appear on next page)

In Witness Whereof, the City and Customer, by and through their duly authorized officers and representatives, have executed this Contract.

City of Flint:

By: _____

Its: _____

City of Detroit:

By: _____

Sue F. McCormick

Its: Director, Water and Sewerage Department

APPROVED BY
FLINT EMERGENCY MANAGER ON:

Date

APPROVED BY DETROIT
BOARD OF WATER COMMISSIONERS ON:

Date

APPROVED AS TO FORM BY
DWSD GENERAL COUNSEL ON:

Date

EXHIBIT A

Customer's Water Distribution Points

This Exhibit contains the following information:

1. The corporate limits of Customer;
2. The agreed upon water Service Area of Customer which (a) may or may not be entirely within the corporate limits of Customer and (b) which may or may not include the entire area within the Customer's corporate limits;
3. The specific location of the Water Distribution Points, including any Board approved emergency connections;
4. The designation of appurtenances to be maintained by Customer and those to be maintained by the Board; and
5. A list of any closed meter locations.

EXHIBIT B

Projected Annual Volume and Minimum Annual Volume (Table 1)

Pressure Range and Maximum Flow Rate (Table 2)

Flow Split Assumptions (Table 3)

Addresses for Notice (Table 4)

Table 1 and Table 2 set forth the agreed upon Projected Annual Volumes, Minimum Annual Volumes, Pressure Ranges and Maximum Flow Rates for the term of this Contract provided that figures in bold type face are immediately enforceable pursuant to the terms of Section 5.07 and italicized figures are contained for planning purposes only but will become effective absent the negotiated replacements anticipated in Section 5.07.

The approximate rate of flow by individual meter set forth in Table 3 is the assumption upon which the Pressure Range commitments established in Table 2 have been devised. Should Customer deviate from these assumptions at any meter(s), the Board may be unable to meet the stated Pressure Range commitments in this Contract or in the contract of another customer of the Board and Section 5.08 of this Contract may be invoked.

EXHIBIT B

Table 1
Projected Annual Volume and Minimum Annual Volume

Fiscal Year Ending June 30	Projected Annual Volume (Mcf)	Minimum Annual Volume (Mcf)
2016	TBD	TBD
2017	TBD	TBD
2018	<i>TBD</i>	<i>TBD</i>
2019	<i>TBD</i>	<i>TBD</i>
2020	<i>TBD</i>	<i>TBD</i>
2021	<i>TBD</i>	<i>TBD</i>
2022	<i>TBD</i>	<i>TBD</i>
2023	<i>TBD</i>	<i>TBD</i>
2024	<i>TBD</i>	<i>TBD</i>
2025	<i>TBD</i>	<i>TBD</i>
2026	<i>TBD</i>	<i>TBD</i>
2027	<i>TBD</i>	<i>TBD</i>
2028	<i>TBD</i>	<i>TBD</i>
2029	<i>TBD</i>	<i>TBD</i>
2030	<i>TBD</i>	<i>TBD</i>
2031	<i>TBD</i>	<i>TBD</i>
2032	<i>TBD</i>	<i>TBD</i>
2033	<i>TBD</i>	<i>TBD</i>
2034	<i>TBD</i>	<i>TBD</i>
2035	<i>TBD</i>	<i>TBD</i>
2036	<i>TBD</i>	<i>TBD</i>
2037	<i>TBD</i>	<i>TBD</i>
2038	<i>TBD</i>	<i>TBD</i>
2039	<i>TBD</i>	<i>TBD</i>
2040	<i>TBD</i>	<i>TBD</i>
2041	<i>TBD</i>	<i>TBD</i>
2042	<i>TBD</i>	<i>TBD</i>
2043	<i>TBD</i>	<i>TBD</i>
2044	<i>TBD</i>	<i>TBD</i>
2045	<i>TBD</i>	<i>TBD</i>

EXHIBIT B

Table 2
Pressure Range and Maximum Flow Rate

Calendar Year	Pressure Range (psi)		Maximum Flow Rate (mgd)	
	Meter GN-01		<u>Max Day</u>	<u>Peak Hour</u>
	<u>Min</u>	<u>Max</u>		
2015	40	60		
2016	40	60		
2017	40	60		
2018	40	60		
2019	40	60		
2020	40	60		
2021	40	60		
2022	40	60		
2023	40	60		
2024	40	60		
2025	40	60		
2026	40	60		
2027	40	60		
2028	40	60		
2029	40	60		
2030	40	60		
2031	40	60		
2032	40	60		
2033	40	60		
2034	40	60		
2035	40	60		
2036	40	60		
2037	40	60		
2038	40	60		
2039	40	60		
2040	40	60		
2041	40	60		
2042	40	60		
2043	40	60		
2044	40	60		

EXHIBIT B

Table 3
Flow Split Assumptions

Meter	Assumed Flow Split (2015-2016)
GN-01	100%

Table 4
Addresses for Notice

If to the Board:	If to Customer:
Director Detroit Water and Sewerage Department 735 Randolph Street Detroit, Michigan 48226 Attention: General Counsel	Mayor City of Flint 1101 S. Saginaw Street Flint, Michigan, 48502 Attention: City Attorney

From: VanSickle, Michele (GOV)
Sent: Wednesday, October 21, 2015 4:52 PM
To: Baird, Richard (GOV)
Subject: Task Force Contact list attached
Attachments: Flint Water Task Force Members.docx

Rich, there are gaps in the information so please take a look and let me know if it is ok to send.
FYI Beth Clement does not want to be included since Jarrod and Dennis are both on there.

Michele VanSickle

Executive Assistant for Richard Baird and Mike Finney
Executive Office of Governor Rick Snyder
(517) 241-5621
vansicklem2@michigan.gov

Flint Water Task Force Members

Name	Title	Work Phone	Cell Phone	Email	Assistant	Phone	Email
Rick Snyder	Governor	PPI			Allison Scott	PPI	
Jarrold Agen	Director of Communications				Wendy Wisniewski		
Matt Davis	Professor of Pediatrics & Internal Medicine U of M						
Dave Murray	Deputy Press Secretary				Jordan Kennedy		
Dan Wyant	Director DEQ				Mary Beth Thelen		
Madhu Anderson	Deputy Director DEQ				Leigh Copen		
Chris Kolb	President – Michigan Environmental Council						
Ken Sikkema	Senior Policy Fellow – Public Sector Consultants						
Eric Rothstein	Principal – Galardi & Rothstein Group						
Nick Lyon	Director DHHS				Nancy Grijalva		

Rich Baird	Senior Advisor			Michele VanSickle	Michele VanSickle		
Beth Clement	Deputy Chief of Staff				Wendy Wisniewski		
Dennis Muchmore	Chief of Staff				Wendy Wisniewski		
Larry Reynolds	Pediatrician Mott Children's Health Center				Deborah Higgins		
Harvey Hollins	Director Urban Initiatives				Stacie Clayton		

From: Lawrence Reynolds <lrey52@gmail.com>
Sent: Friday, October 23, 2015 11:00 AM
To: Baird, Richard (GOV)
Cc: Weber, Travis (GOV); Matt Davis; Chris Kolb; Eric Rothstein; Ksikkema@pscinc.com
Subject: Re: Open Meetings and FOIA

There are statements of fact- "we meet standards " , statements of caution and concern - " we are not comfortable with an action and disproportionate assignment of the Borden of proof- " I am right and you have no proof for insisting a different course. Additionally ,impacts on environmental healthier differ , depending on where you are in your life course and when the health issue manifests itself distal to the insult. And the reassurance must be in a climate of trust.No such climate exists in Flint.

On Friday, October 23, 2015, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:
I agree with Dr. Reynolds and it is sometimes a fine line to walk between discussing preliminary findings/conclusions before validation, and providing public insight into the process underway. People will not trust silence but neither will their trust be sustained if public statements of "fact" have to be recanted in the light of additional evidence.

The collective experience of this panel gives comfort that you can keep the balance.

Again, we thank you for taking this on.

Rich

Sent from my Verizon Wireless 4G LTE DROID

On Oct 23, 2015 8:14 AM, Lawrence Reynolds <lrey52@gmail.com> wrote:

I am working on getting coverage for our annual conference to participate. I would prefer to call in. Please keep in mind, our government agencies have insisted they are operating within the letter of the law and regulations.This position has been used to ignore citizen and non- governmental concerns for several months. We should consider the balance we must maintain.The last thing we need are the same spokespeople who dismissed those concerns speaking for this advisory task force.Perception is based in reality. We also need to identify the overlap of our work and the other reviews going on and what will make our review distinctive.

On Thursday, October 22, 2015, Ken Sikkema <ksikkema@pscinc.com<<mailto:ksikkema@pscinc.com>>>>
wrote:

Thank you..

Ken

On Thursday, October 22, 2015, Weber, Travis (GOV) <WeberT.gov> wrote:

I would be happy to do so.

Travis W. Weber
Deputy Legal Counsel
Executive Office of the Governor

111 South Capitol Avenue
P.O. Box 30013
Lansing, MI 48909
517.241.5630

On Oct 22, 2015, at 12:18 PM, Ken Sikkema <ksikkema@pscinc.com<<mailto:ksikkema@pscinc.com>>> wrote:

Travis:

Would you be available next Wed (Oct 28) at approximately 10 am to provide a briefing to the Flint Water Task Force members on the Open Meetings Act and FOIA and answer questions?

We are planning to meet at PSC offices in downtown Lansing--230 North Washington, 3rd floor..

Thank you in advance...

Ken Sikkema

On Thu, Oct 22, 2015 at 10:53 AM, Weber, Travis (GOV)
<WeberT7@michigan.gov<<mailto:WeberT7@michigan.gov>>> wrote:

Senator,

Happy to help with this issue. I would prefer to do so over the phone or in person, but am happy to answer questions and give a brief lay of the OMA/FOIA land if you'd prefer over email.

Travis W. Weber
Deputy Legal Counsel
Executive Office of the Governor
111 South Capital Avenue
P.O. Box 30013
Lansing , Michigan 48909
517.241.5630<tel:517.241.5630>, WeberT7@michigan.gov<<mailto:WeberT7@michigan.gov>>

From: Baird, Richard (GOV)
Sent: Thursday, October 22, 2015 9:49 AM
To: 'Ken Sikkema' <ksikkema@pscinc.com<<mailto:ksikkema@pscinc.com>>>; Weber, Travis (GOV)
<WeberT7@michigan.gov<<mailto:WeberT7@michigan.gov>>>
Cc: Chris Kolb <chris@environmentalcouncil.org<<mailto:chris@environmentalcouncil.org>>>; Matt Davis
<mattdav@med.umich.edu<<mailto:mattdav@med.umich.edu>>>; Lawrence Reynolds
<lrey52@gmail.com<<mailto:lrey52@gmail.com>>>; Eric Rothstein <erothste@grg-ltd.com<<mailto:erothste@grg-ltd.com>>>
Subject: RE: Open Meetings and FOIA

Ken:

I think Travis Weber in our Legal Office is best positioned and am copying him here. I believe that this body would function under the same EO privilege that the Council for Law Enforcement And Reinvention (CLEAR) functions. Because it is advisory to the governor only, and not a body enabled under statute, it is not subject to OMA. But I am not the Attorney here. Over to Travis.

Rich

From: Ken Sikkema [mailto:ksikkema@pscinc.com]
Sent: Thursday, October 22, 2015 9:19 AM
To: Baird, Richard (GOV)
Cc: Chris Kolb; Matt Davis; Lawrence Reynolds; Eric Rothstein
Subject: Open Meetings and FOIA

Rich:

I'm feeling the need to have a better understanding of how these statutes apply--or don't apply--to the work of the Task Force and what alternatives the Task Force might want to utilize to address any criticism. Could you put me in touch with someone who can walk me through this a bit?

Thanks

--

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954<tel:517-484-4954>
ksikkema@pscinc.com<mailto:ksikkema@pscinc.com>

--

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954
ksikkema@pscinc.com<mailto:ksikkema@pscinc.com>

--

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954
ksikkema@pscinc.com

--

Lawrence Reynolds

--

Lawrence Reynolds

From: Ken Sikkema <ksikkema@pscinc.com>
Sent: Tuesday, October 27, 2015 12:04 PM
To: Chris Kolb; Eric Rothstein; Matt Davis; Lawrence Reynolds
Cc: Baird, Richard (GOV); Weber, Travis (GOV); Wyant, Dan (DEQ); Anderson, Madhu (DEQ)
Subject: Suggested Agenda for 10-28-15 meeting
Attachments: Agenda 10-28-15.docx

All:

See attached for a suggested agenda...any suggestions are welcome...we can also review at beginning of meeting for any changes...I'm thinking 2 hour meeting...

--

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954
ksikkema@pscinc.com

Flint Water Task Force

October 28, 2015

10:00-12:00

1. Review Agenda

2. Open Meetings Act and FOIA

Travis Weber—Governor's Office

3. Review Goals, Questions, Work Plan

Q. What Represents "Success" to each of us? (Per Matt Davis)

Q. Review of comments, questions and suggestions submitted by Task Force members

- Eric Rothstein's Framework
- Dr. Reynolds Questions
- Ken Sikkema Questions

Q. Calendar—i.e., work schedule

4. Other federal, state, and local assessments—how to coordinate, utilize, and complement? Does this Task Force have a unique role?

5. Logistics of Task Force

- Minutes
- Meetings
- Other?

6. Basecamp Orientation

From: Daddow, Robert J [daddowr@oakgov.com]
Sent: Wednesday, November 25, 2015 2:45 PM
To: Baird, Richard (GOV)
Subject: Re: follow up

Thank you. Who is setting the meeting. I need to send my availability. Getting tighter and tighter as we get close to D Day.

Sent from my iPad

> On Nov 25, 2015, at 2:05 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

>

>

> Sent from my Verizon Wireless 4G LTE DROID

> ----- Forwarded message -----

> From: "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>

> Date: Nov 25, 2015 12:38 PM

> Subject: RE: follow up

> To: "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>,"Baird, Richard (GOV)"
<bairdr@michigan.gov>

> Cc:

>

>

> Agree with what Tom offered. We are prepared to get the meeting scheduled as soon as possible

>

>

>

> From: Saxton, Thomas (Treasury)

> Sent: Wednesday, November 25, 2015 1:28 PM

> To: Baird, Richard (GOV) <bairdr@michigan.gov>

> Cc: Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>

> Subject: RE: follow up

>

>

>

> I would be happy to do that but as I mentioned in our call this morning Wade Trim was not at that meeting last week (Fri) when City staff et al visited the pump station.

>

> They (WT) are supposedly getting engaged on that 'as we speak'. So next week... WT, whoever Bob wants from DWSD, the city, & DEQ can meet or get on a call to speak more confidently about the problem(s). And to what extent it specifically involves the pumps. We are happy to facilitate that.

>

> Wayne - chime in if you think that makes sense or not. The state money we talked about a couple days ago I think remains the same; it may just be redirected a little differently in terms priorities and fixing problems.

>


>

>

> From: Baird, Richard (GOV)

> Sent: Wednesday, November 25, 2015 9:07 AM

> To: Workman, Wayne (TREASURY) <WorkmanW@michigan.govmailto:WorkmanW@michigan.gov>;
Saxton, Thomas (Treasury) <SaxtonT@michigan.govmailto:SaxtonT@michigan.gov>

> Cc: Pleyte, Beth (Treasury) <PleyteB@michigan.gov<mailto:PleyteB@michigan.gov>>
> Subject: RE: follow up
>
>
>
> Just spoke with Bob Daddow. He would like to talk with the DEQ person who has the view that the problem in HP will/may not be fixed with the pumping station remediation. He will then ask the GLWA/DWSD engineers to help size the problem and figure how to fund the solution. Would you send him the contact info for the person you are talking with? Thanks.
>
>
>
> Rich
>
>
>
> daddowr@oakgov.com<mailto:daddowr@oakgov.com>
>
> mobile: 
>
>
>
> From: Workman, Wayne (TREASURY)
> Sent: Wednesday, November 25, 2015 8:25 AM
> To: Baird, Richard (GOV); Saxton, Thomas (Treasury)
> Cc: Pleyte, Beth (Treasury)
> Subject: RE: follow up
>
>
>
> Just met with the Mayor late yesterday with Harvey for 3rd time
>
>
>
> From: Baird, Richard (GOV)
> Sent: Wednesday, November 25, 2015 8:23 AM
> To: Saxton, Thomas (Treasury) <SaxtonT@michigan.gov<mailto:SaxtonT@michigan.gov>>
> Cc: Workman, Wayne (TREASURY) <WorkmanW@michigan.gov<mailto:WorkmanW@michigan.gov>>; Pleyte, Beth (Treasury) <PleyteB@michigan.gov<mailto:PleyteB@michigan.gov>>
> Subject: RE: follow up
>
>
>
> Yes. Tried calling you. Need to also speak about Flint situation at Governor's request.
>
>
>
> From: Saxton, Thomas (Treasury)
> Sent: Wednesday, November 25, 2015 5:46 AM
> To: Baird, Richard (GOV)
> Cc: Workman, Wayne (TREASURY); Pleyte, Beth (Treasury)
> Subject: follow up
>
>
>
>
>

> do you have a couple minutes this morning to talk about HP ? We want to bring you up to speed on a couple things.

From: Holland, Meegan (GOV)
Sent: Thursday, December 24, 2015 10:48 AM
To: Baird, Richard (GOV)
Subject: RE: Today's Briefing
Attachments: DRAFT Flint water communications plan.docx

It occurs to me - should he also receive the communications plan we've been working on? I've sent you an updated one (with the revised statement).

-----Original Message-----

From: Baird, Richard (GOV)
Sent: Thursday, December 24, 2015 10:24 AM
To: Snyder, Rick (GOV) <[REDACTED] PPI > >; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: Today's Briefing

Sorry for the late submission. Been trying to work this issue across various stakeholder groups and balance holiday commitments. Our Agenda (with Harvey adding under "Other":

1. Review HH Role and Responsibility as confirmed with FAATF (attachment (with some revision since meeting)
2. Other AATF Issues
 - a) schedule a conference call with Governor outlining current status
 - b) follow up with a letter discussing DEQ and leadership culture findings
 - c) Imminent Danger Declaration request
 - d) Concerns with Leadership appointments about to be made and DHHS recent responses/findings
 - e) Shared confidential plan relative to January 4 personnel actions
3. Discuss communications strategy as envisioned by MH, JA and RB last night (Meegan will be on call--Maybe Jarrod too busy not sure about yet)
4. Other (Harvey Hollins will deal with anything I missed)

DRAFT: FLINT WATER PLAN

Thursday, Dec. 24: Gov. calls Karen Weaver to set up a meeting

Talking points:

"I've read the draft of a report from the state's Office of the Auditor General and I've been briefed on the task force's progress in its ongoing investigation.

"I want to work together with you to get this problem solved. As partners, we can get resources in place more quickly.

"I want to assure you this isn't a political move on my part – I'm a problem solver and I intend to be your partner in addressing this to make it right. I'm truly sorry that all this has happened.

"I have some ideas on how to get more resources for blood lead level testing and remediation – financial as well as state personnel, and I'd like to discuss those with you.

"It sounds like you have a block of time available on the morning of Jan. 7. Would you be able to come to Lansing so we could talk between 9-10 a.m.? If so, I'll make sure Beth Emmitt, my scheduler, confirms with Maxine Murray."

Saturday, Dec. 26, or Monday, Dec. 28: Getting organized

We need to get the ball rolling on creating a healthy water communications team – potentially Mel Brown of TED and Ron Leix of MSP's Emergency Management and Homeland Security Division. Both are genuine and empathetic, and can convey information in a reassuring way.

This duo would work with DHHS' and DEQ's respective communications teams, but also free up those teams to work on other issues not related to Flint water. The healthy water team would be the point people for anything concerning Flint water and lead issues, and will have the authority to assist Harvey Hollins, cut red tape for researchers who want access to DHHS and DEQ records, respond to media requests, edit and/or write press releases in conjunction with the Governor's communications team and more.

Rich Baird or another appropriate person needs to discuss with Steve Arwood and Col. Etue about "borrowing" Mel and Ron. We would like to introduce these two at the January press conference with the Governor and Mayor Weaver, saying, "These are the folks who will answer questions and provide information to media and stakeholders about the Flint water crisis."

Monday, Dec. 28, or Tuesday, Dec. 29: Asking researchers for help

Nick Lyon reaches out to Virginia Tech researcher Marc Edwards and Hurley Hospital's Dr. Mona Hanna-Attisha to help state lead and water experts who have worked on Flint's issues. The purpose is to share information, compare results and track how those results were reached to ensure best practices and accurate reporting.

We'd ask this of Edwards and Hanna-Attisha:

- Your research has been eye opening and we're hoping you'll be willing to join an effort to ensure Flint's water is safe.

- We'd like you to sit down with state epidemiologists and other researchers so you can discuss lead levels and other issues related to the Flint water crisis. There have been variances and we want to be as accurate as possible.
- We want you to have as much access to our data as is possible under HIPPA laws so we can determine the extent of the problem.
- We want the team to brainstorm ways to get Flint's water back to safe levels for drinking, and to help families learn how they can mitigate any effects from lead.
- Once the water is safe, we want your help in showing the people of Flint that their water is drinkable.
- If you're willing to help, we'd like to announce this at a press conference in January and would love to have you both attend, if possible.

In addition, Capt. Chris Kelenske and/or Nick Lyon need to explore more ways to help Flint, including the idea of an imminent danger declaration. *Has MSHDA explored HUD grants to help families who need to upgrade their service lines? Are there other resources we can draw from?*

Tuesday, Dec. 29: Governor releases statement on Flint water

This statement is meant to manage expectations on the timing of the report (probably another month at least) and to signal that action may come sooner than that (the Jan. 4 changes and those to be announced at the press conference).

"I've been briefed on the recent meeting of the task force studying the Flint water situation and I've read the report from the Office of the Auditor General on the processes used by DEQ to monitor Flint water.

"The bi-partisan task force has worked tirelessly to interview Flint, Genesee County, state and federal officials to complete its independent analysis. They are reviewing hundreds of documents at all levels of government and from the public health science community.

"I'd like to thank the task force for keeping me apprised of their continuing investigation. As they uncover more facts, it's clear to me we can do better. Their report may take another month or so, but if we need to make changes more swiftly, I plan to take immediate action.

"No matter what the testing requirements were, they were not enough to prevent this crisis. I want Michigan to be the state that is known for the safest water in the nation.

"When it comes to matters of health and quality of life, there is simply no room for error in testing for lead and other toxins. I understand there can be disagreements within the scientific community. That is why I have told my directors at MDEQ and DHHS to invite every external scientist who has worked on the Flint water issue to the state laboratory facilities to work as partners with us. Together, we should be able to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of blood levels and other health impacts over the long term.

"I want the Flint community and all citizens of Michigan to know how very sorry I am that this has happened.

"But I know an apology isn't enough. We've already allocated \$10 million to test the water, distribute water filters, and help in other ways. On Thursday, I called Flint Mayor Karen Weaver, and we're going to sit down in the next week to discuss other ways the state can offer assistance.

“What happened in Flint is inexcusable. I want to assure residents there that we will work hard to make things right.”

Monday, Jan. 4 – Personnel changes

Dave Murray talking point: “I can’t speak to the specifics, but yes, there have been changes in personnel at the DEQ. We’ll announce soon who you can contact to get information about Flint’s water situation. For now, you can call me.”

Thursday, Jan. 7 – Meeting between the Governor and Mayor Karen Weaver

Governor’s talking point: “We had a great meeting today. Mayor Weaver had some great ideas that we want to flesh out. We’ll announce soon how we plan to move forward in solving the problems with Flint water.”

Possibly Jan. 11 or 13 - Press conference with the Governor and Mayor Weaver to announce action plan

Also in attendance: Point person Harvey Hollins, Directors Nick Lyons and Dan Wyant, Capt. Chris Kelenske, Healthy Water communications team Mel Brown and Ron Leix, Sen. Jim Ananich, Rep. ???, Marc Edwards?, Dr. Mona Hanna-Attisha, who else?

Talking points:

Weaver announces more state money to help Flint and talks about how she’s encouraged by the Governor’s action plan and looks forward to working with Harvey Hollins.

Harvey briefly describes his role – as the boots on the ground in Flint and the coordinator for state resources.

Gov. Snyder reiterates his sadness over the situation and says it calls for extraordinary measures, which the state is prepared to make:

- The state will form a team of independent and state water and lead level experts to go over the various results. The team will include Virginia Tech’s Marc Edwards and Hurley Hospital’s Dr. Mona Hanna-Attisha, along with state epidemiologists, DEQ experts, etc.
- The team will have full access to DEQ and DHHS records.
- Mel Brown and Ron Leix will be the Healthy Water team and serve as point people for all things Flint water and lead levels.
- The state is exploring the best options to provide more help for Flint, including an imminent danger declaration, HUD grants for infrastructure improvements, etc.
- We will document what we learn from this experience to help other cities with water/lead issues.

From: Baird, Richard (GOV)
Sent: Friday, January 30, 2015 6:20 PM
To: Muchmore, Dennis (GOV)
Subject: Fwd: Flint - Random Thought
Attachments: Detroit_DWSD Flint Water Service 2015 Tr Jan 2015.pdf

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Daddow, Robert" <daddowr@oakgov.com>

Date: Jan 30, 2015 4:41 PM

Subject: Flint - Random Thought

To: 'Sue McCormick' <mccormick@dwdsd.org>, Nicolette Bateson <bateson@dwdsd.org>

Cc: "poissong@oakgov.com" <poissong@oakgov.com>, "Baird, Richard (GOV)" <bairdr@michigan.gov>

Sue / Nikki – today I chatted with Rich Baird on the Flint matter given that they continue to have on-going water quality problems. Numerous articles are being written on this matter and I suspect it is getting a bit tense in Flint over this critical issue. They are balking at the cost of the DWSD water – which I understand may be a bit more expensive for them simply because of the distance and elevation – completely understandable. The attached letters indicate \$847K per month at a standard commodity rate (which I now am beginning to realize is one of the volume flow issues giving rise to the situation we are in with all communities; but we'll leave that alone for the moment).

The attached letter suggest that they can re-connect to the DWSD using the same rates offered to other communities through June 30, 2015. This seems fair and would not exacerbate the already sensitive issue of the sizable rate increases the suburban and retail customers are now facing. Notwithstanding that matter, Mr. Baird inquired of some means of lowering the rate to encourage Flint to return to the DWSD fold on a marginal costing approach that covers some portion of the fixed costs but may be slightly lower than the amount offered in the letter.

The optics of this matter to the suburban customers now facing a 9% to 14% rate increases are troublesome (sans any provision for the balance sheet issues and with little or no provision for the Detroit retail customers likely collection issues arising from these rate increases – which is going to make this summer even more troublesome when the shut offs start circa March / April). How can a reduction occur in the Flint rate covering fixed costs such that additional volumes actually would serve to reduce what would otherwise be the present proposals on the table? Theoretically, it can be justified but it is steeped in cost accounting but if we can't seem to differentiate 'rates' versus 'revenue requirement' how the heck can we justify something even more complicated to the residents or suburban customers? Perhaps I have answered my own question – it might be able to done and prove to be beneficial, but politically its DOA. The political barrier seems to be too high a hurdle – and the approach already taken of offering to reconnect at the rates and flow previously charged is the only rational approach possible without sending what is already a very sensitive public off the deep end.

Just musing on a Friday afternoon, but I think I answered the question that Rich and I chatted about in the last part of the paragraph above.



CITY OF DETROIT
WATER AND SEWERAGE DEPARTMENT
OFFICE OF THE DIRECTOR

735 RANDOLPH STREET
DETROIT, MICHIGAN 48226-2830
WWW.DETROITMI.GOV

January 12, 2015

Mr. Darnell Earley, Emergency Manager
Mr. Dayne Walling, Mayor
City of Flint
1101 S. Saginaw Street
Flint, Michigan 48502

Dear Messrs. Earley and Walling:

Regarding: Re-establishing Detroit Water and Sewerage Department Water Service

I was recently referred to a report in MLive in which there was reference to the City of Flint (City) potentially re-visiting its decision to utilize Flint River water as a water source prior to the completion of the KWA pipeline. Within that report, there appeared to be some incorrect assumptions about the cost of water service from the Detroit Water and Sewerage Department (DWSD). I write to you today to express the willingness of DWSD to resume delivery of drinking water to the City and its residents. We have monitored the water quality issues that have troubled the City since May, 2014, and understand that many of the difficulties stem from the limited access to source water. Please know that DWSD is ready, willing and able to resume service to the City if you so desire.

If the City is interested in a long term arrangement with DWSD, with this goal in mind, we offer that the City can immediately reconnect to the DWSD system at no additional charge to the City and at the same "expired contract" rate that the City was paying in April, 2014, modified to reflect the 4% increase experienced by all other wholesale customers in July, 2014. The resulting rate structure is a fixed monthly rate of \$846,700 and a commodity rate of \$14.92/Mcf. In order to facilitate contract negotiations, DWSD is willing to extend this rate to the City (and to Genesee County as the City's partner and former customer) until June 30, 2015.

We at DWSD take very seriously the matter of drinking water quality, and we are as concerned as you must be by the continued quality issues faced by the City. We are confident that DWSD can provide you with a solution for reliable, safe, high quality water on an expeditious timeline. Please contact me directly at (313) 224-4701 if you wish to discuss this offer further.

Sincerely yours,

Sue F. McCormick
Director

cc: Governor Rick Snyder -- (via U.S. Mail)
Flint City Council, (via U.S. Mail and Electronic Mail)
Eric Mays; Jacqueline Poplar (c/o Jennie Johnson); Kerry Nelson (c/o Jennie Johnson); Joshua Freeman;
Wantwaz Davis; Herbert Winfrey (c/o Jennie Johnson); Monica Galloway; Vicki VanBuren; Scott
Kincaid (c/o Jennie Johnson)
Jeff Wright, GCDC -- (via Electronic Mail)
Mayor Mike Duggan (via Electronic Mail)
James Fausone, BOWC (via Electronic Mail)
Robert Daddow, GLWA (via Electronic Mail)



CITY OF DETROIT
WATER AND SEWERAGE DEPARTMENT
OFFICE OF THE DIRECTOR

735 RANDOLPH STREET
DETROIT, MICHIGAN 48226-2830
WWW.DETROITMI.GOV

January 12, 2015

Mr. Darnell Earley, Emergency Manager
Mr. Dayne Walling, Mayor
City of Flint
1101 S. Saginaw Street
Flint, Michigan 48502

Dear Messrs. Earley and Walling:

Regarding: Re-establishing Detroit Water and Sewerage Department Water Service

I was recently referred to a report in MLive in which there was reference to the City of Flint (City) potentially re-visiting its decision to utilize Flint River water as a water source prior to the completion of the KWA pipeline. Within that report, there appeared to be some incorrect assumptions about the cost of water service from the Detroit Water and Sewerage Department (DWSD). I write to you today to express the willingness of DWSD to resume delivery of drinking water to the City and its residents. We have monitored the water quality issues that have troubled the City since May, 2014, and understand that many of the difficulties stem from the limited access to source water. Please know that DWSD is ready, willing and able to resume service to the City if you so desire.

If the City is interested in a long term arrangement with DWSD, with this goal in mind, we offer that the City can immediately reconnect to the DWSD system at no additional charge to the City and at the same "expired contract" rate that the City was paying in April, 2014, modified to reflect the 4% increase experienced by all other wholesale customers in July, 2014. The resulting rate structure is a fixed monthly rate of \$846,700 and a commodity rate of \$14.92/Mcf. In order to facilitate contract negotiations, DWSD is willing to extend this rate to the City (and to Genesee County as the City's partner and former customer) until June 30, 2015.

We at DWSD take very seriously the matter of drinking water quality, and we are as concerned as you must be by the continued quality issues faced by the City. We are confident that DWSD can provide you with a solution for reliable, safe, high quality water on an expeditious timeline. Please contact me directly at (313) 224-4701 if you wish to discuss this offer further.

Sincerely yours,

Sue F. McCormick
Director

cc: Governor Rick Snyder --(via U.S. Mail)
Flint City Council, (via U.S. Mail and Electronic Mail)
Eric Mays; Jacqueline Poplar (c/o Jennie Johnson); Kerry Nelson (c/o Jennie Johnson); Joshua Freeman;
Wantwaz Davis; Herbert Winfrey (c/o Jennie Johnson); Monica Galloway; Vicki VanBuren; Scott
Kincaid (c/o Jennie Johnson)
Jeff Wright, GCDC --(via Electronic Mail)
Mayor Mike Duggan (via Electronic Mail)
James Fausone, BOWC (via Electronic Mail)
Robert Daddow, GLWA (via Electronic Mail)

From: Baird, Richard (GOV)
Sent: Friday, January 30, 2015 8:55 PM
To: Muchmore, Dennis (GOV)
Cc: Mike Duggan
Subject: Re: Flint - Random Thought

Funny!!

Sent from my Verizon Wireless 4G LTE DROID

On Jan 30, 2015 7:35 PM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:

There's an old saying from our youth that you two know well: you can lead a horse to water but you can't make them drink

Sent from my iPhone

On Jan 30, 2015, at 7:19 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

The lack of creative thinking from this woman does not bode well for her long term retention.

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: Sue McCormick <mccormick@dwsd.org>

Date: Jan 30, 2015 5:25 PM

Subject: Re: Flint - Random Thought

To: Robert Daddow <daddowr@oakgov.com>

Cc: "poissong@oakgov.com" <poissong@oakgov.com>, "Baird, Richard (GOV)" <bairdr@michigan.gov>, Nicolette Bateson <bateson@dwsd.org>

The rate we offered Flint is a bit different than what we calculate for our contract customers. We adjusted the rate of return to reflect the short term, terminated contract status. In other words, the outstanding investment, that we made to serve Flint somewhat recently, will not be recovered without a long term contract. This differential rate of return is now being utilized by Genesee County who was served through the Flint contract, so add to the the additional complications. If we want to get to a lower rate for emergency 'short term' service, we can evaluate our options - but we would have to differentiate it somehow from Genesee or have additional revenue loss or legal exposure there and without a questions there will be huge political issues with our other customers.

Sue F. McCormick, Director
Detroit Water and Sewerage Department
735 Randolph, Room 506
Detroit, Michigan 48226
Office (313)224-4701
Fax (313)224-6067
McCormic@dwsd.org

From: "Robert Daddow" <daddowr@oakgov.com>

To: "Sue McCormick" <mccormick@dwsd.org>, "Nicolette Bateson" <bateson@dwsd.org>

Cc: poissong@oakgov.com, "Richard 'Baird (GOV)'" <bairdr@michigan.gov>

Sent: Friday, January 30, 2015 5:40:16 PM

Subject: Flint - Random Thought

Sue / Nikki – today I chatted with Rich Baird on the Flint matter given that they continue to have on-going water quality problems. Numerous articles are being written on this matter and I suspect it is getting a bit tense in Flint over this critical issue. They are balking at the cost of the DWSD water – which I understand may be a bit more expensive for them simply because of the distance and elevation – completely understandable. The attached letters indicate \$847K per month at a standard commodity rate (which I now am beginning to realize is one of the volume flow issues giving rise to the situation we are in with all communities; but we'll leave that alone for the moment).

The attached letter suggest that they can re-connect to the DWSD using the same rates offered to other communities through June 30, 2015. This seems fair and would not exacerbate the already sensitive issue of the sizable rate increases the suburban and retail customers are now facing. Notwithstanding that matter, Mr. Baird inquired of some means of lowering the rate to encourage Flint to return to the DWSD fold on a marginal costing approach that covers some portion of the fixed costs but may be slightly lower than the amount offered in the letter.

The optics of this matter to the suburban customers now facing a 9% to 14% rate increases are troublesome (sans any provision for the balance sheet issues and with little or no provision for the Detroit retail customers likely collection issues arising from these rate increases – which is going to make this summer even more troublesome when the shut offs start circa March / April). How can a reduction occur in the Flint rate covering fixed costs such that additional volumes actually would serve to reduce what would otherwise be the present proposals on the table? Theoretically, it can be justified but it is steeped in cost accounting but if we can't seem to differentiate 'rates' versus 'revenue requirement' how the heck can we justify something even more complicated to the residents or suburban customers? Perhaps I have answered my own question – it might be able to done and prove to be beneficial, but politically its DOA. The political barrier seems to be too high a hurdle – and the approach already taken of offering to reconnect at the rates and flow previously charged is the only rational approach possible without sending what is already a very sensitive public off the deep end.

Just musing on a Friday afternoon, but I think I answered the question that Rich and I chatted about in the last part of the paragraph above.

*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_**

DWSD - Email Filter

EMT Rule: Message Allowed

*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_**

From: Baird, Richard (GOV)
Sent: Wednesday, February 04, 2015 4:31 PM
To: Bob Daddow
Subject: Re: Flint - Random Thought

Did she ever respond?

Sent from my Verizon Wireless 4G LTE DROID

On Jan 31, 2015 9:13 AM, "Daddow, Robert" <daddowr@oakgov.com> wrote:

At a recent public hearing at SEMCOG and in at least one document I've seen since, the quote was that Flint had been paying \$12.5 million annually. Your letter to Flint offers \$847K monthly - or, \$10.2M. Is the differential the break you are referencing below and if so, it appears DWSD has already provided them a deal?

----- Original message -----

>Date: Fri, 30 Jan 2015 18:25:22 -0500 (EST)
>From: Sue McCormick <mccormick@dwdsd.org>
>Subject: Re: Flint - Random Thought
>To: Robert Daddow <daddowr@oakgov.com>
>Cc: poissong@oakgov.com,"Richard 'Baird (GOV)'" <bairdr@michigan.gov>,Nicolette Bateson <bateson@dwdsd.org>
>

> The rate we offered Flint is a bit different than
> what we calculate for our contract customers. We
> adjusted the rate of return to reflect the short
> term, terminated contract status. In other words,
> the outstanding investment, that we made to serve
> Flint somewhat recently, will not be recovered
> without a long term contract. This differential
> rate of return is now being utilized by Genesee
> County who was served through the Flint contract, so
> add to the the additional complications. If we want
> to get to a lower rate for emergency 'short term'
> service, we can evaluate our options - but we would
> have to differentiate it somehow from Genesee or
> have additional revenue loss or legal exposure there
> and without a questions there will be huge political
> issues with our other customers.
>

> Sue F. McCormick, Director
> Detroit Water and Sewerage Department
> 735 Randolph, Room 506
> Detroit, Michigan 48226
> Office (313)224-4701
> Fax (313)224-6067
> McCormick@dwdsd.org
>

> -----
>
> From: "Robert Daddow" <daddowr@oakgov.com>
> To: "Sue McCormick" <mccormick@dwdsd.org>, "Nicolette
> Bateson" <bateson@dwdsd.org>
> Cc: poissong@oakgov.com, "Richard 'Baird (GOV)'"
> <bairdr@michigan.gov>
> Sent: Friday, January 30, 2015 5:40:16 PM
> Subject: Flint - Random Thought

>
> Sue / Nikki – today I chatted with Rich Baird on
> the Flint matter given that they continue to have
> on-going water quality problems. Numerous articles
> are being written on this matter and I suspect it is
> getting a bit tense in Flint over this critical
> issue. They are balking at the cost of the DWSD
> water – which I understand may be a bit more
> expensive for them simply because of the distance
> and elevation – completely understandable. The
> attached letters indicate \$847K per month at a
> standard commodity rate (which I now am beginning to
> realize is one of the volume flow issues giving rise
> to the situation we are in with all communities; but
> we'll leave that alone for the moment).

>
>
>
> The attached letter suggest that they can re-connect
> to the DWSD using the same rates offered to other
> communities through June 30, 2015. This seems fair
> and would not exacerbate the already sensitive issue
> of the sizable rate increases the suburban and
> retail customers are now facing. Notwithstanding
> that matter, Mr. Baird inquired of some means of
> lowering the rate to encourage Flint to return to
> the DWSD fold on a marginal costing approach that
> covers some portion of the fixed costs but may be
> slightly lower than the amount offered in the
> letter.

>
>
>
> The optics of this matter to the suburban customers
> now facing a 9% to 14% rate increases are
> troublesome (sans any provision for the balance
> sheet issues and with little or no provision for the
> Detroit retail customers likely collection issues
> arising from these rate increases – which is going
> to make this summer even more troublesome when the
> shut offs start circa March / April). How can a
> reduction occur in the Flint rate covering fixed
> costs such that additional volumes actually would
> serve to reduce what would otherwise be the present
> proposals on the table? Theoretically, it can be
> justified but it is steeped in cost accounting but
> if we can't seem to differentiate 'rates'
> versus 'revenue requirement' how the heck can we
> justify something even more complicated to the
> residents or suburban customers? Perhaps I have
> answered my own question – it might be able to
> done and prove to be beneficial, but politically its
> DOA. The political barrier seems to be too high a
> hurdle – and the approach already taken of
> offering to reconnect at the rates and flow
> previously charged is the only rational approach
> possible without sending what is already a very
> sensitive public off the deep end.

>
>
>

> Just musing on a Friday afternoon, but I think I
> answered the question that Rich and I chatted about
> in the last part of the paragraph above.
>
>
> *_*_*_*_*_*_*_*_*_*_*_*

> DWSD - Email Filter
> EMT Rule: Message Allowed
> *_*_*_*_*_*_*_*_*_*_*_*

From: Baird, Richard (GOV)
Sent: Friday, February 13, 2015 11:11 AM
To: Kelly Rossman-Mckinney
Subject: Fwd: Re: Flint - Random Thought DWSD

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>
Date: Feb 10, 2015 8:15 AM
Subject: Re: Flint - Random Thought DWSD
To: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Cc:

What is she talking about? I'm getting so I understand Bob, but Sue talks in circles...

On Feb 5, 2015, at 9:29 AM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Daddow, Robert" <rdaddow@oakgov.com>
Date: Feb 5, 2015 8:14 AM
Subject: RE: Flint - Random Thought DWSD
To: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Cc:

A resend in response to the separate email you sent out last night on the DWSD response. Given that they have already reduced the annual cost from the \$12.5M range to \$10.5M range -- even as the DWSD Board of Water Commissioners is about to raise the rates substantially for the coming fiscal year -- the offer to Flint was reduced. Frankly, this alone would excite the locals. So far I have been requested to speak at no less than five local units' boards / councils and / or have working group sessions / meetings with City officials on DWSD. It is right now a very sensitive subject even as it has not gotten the media attention it will in the coming weeks. With the exception of a presentation I accepted no less than 4 months ago, I have turned them down or made arrangements to have DWSD -- the folks actually in charge right now -- to present. In the coming weeks, this is going to become the issue du jour.

And, even as there were two courses of action on the use of a base (FY-2015 operating budget know to have flaws or the tender offer projections representing a forecast revised for matters not addressed formally by the BOWC through budget amendments) remains an open issue. A recently discovered timing issue in the contracts (namely, that the 'detailed rates' had to be provided to the locals at least 30 days advance of approval -- and why they didn't know this in a contract they have been working on for eons is beyond me) may have resulted in the DWSD management determining the base outside even a public discussion of the BOWC or the Authority Board. The base issue is the cause of the range of the water rates being either 9% or 14% - and has a significant impact on the feasibility as described in the MOU. The more and more I learn, the less and less I want to know.

From: Sue McCormick [<mailto:mccormick@dwsd.org>]
Sent: Friday, January 30, 2015 6:25 PM
To: Robert Daddow
Cc: poissonq@oakgov.com; Richard 'Baird (GOV)'; Nicolette Bateson
Subject: Re: Flint - Random Thought DWSD

The rate we offered Flint is a bit different than what we calculate for our contract customers. We adjusted the rate of return to reflect the short term, terminated contract status. In other words, the outstanding investment, that we made to serve Flint somewhat recently, will not be recovered without a long term contract. This differential rate of return is now being utilized by Genesee County who was served through the Flint contract, so add to the the additional complications. If we want to get to a lower rate for emergency 'short term' service, we can evaluate our options - but we would have to differentiate it somehow from Genesee or have additional revenue loss or legal exposure there and without a questions there will be huge political issues with our other customers.

Sue F. McCormick, Director
Detroit Water and Sewerage Department
735 Randolph, Room 506
Detroit, Michigan 48226
Office (313)224-4701
Fax (313)224-6067
McCormic@dwsd.org

From: "Robert Daddow" <rdaddowr@oakgov.com>
To: "Sue McCormick" <mccormick@dwsd.org>, "Nicolette Bateson" <bateson@dwsd.org>
Cc: poissonq@oakgov.com, "Richard 'Baird (GOV)'" <bairdr@michigan.gov>
Sent: Friday, January 30, 2015 5:40:16 PM
Subject: Flint - Random Thought

Sue / Nikki – today I chatted with Rich Baird on the Flint matter given that they continue to have on-going water quality problems. Numerous articles are being written on this matter and I suspect it is getting a bit tense in Flint over this critical issue. They are balking at the cost of the DWSD water – which I understand may be a bit more expensive for them simply because of the distance and elevation – completely understandable. The attached letters indicate \$847K per month at a standard commodity rate (which I now am beginning to realize is one of the volume flow issues giving rise to the situation we are in with all communities; but we'll leave that alone for the moment).

The attached letter suggest that they can re-connect to the DWSD using the same rates offered to other communities through June 30, 2015. This seems fair and would not exacerbate the already sensitive issue of the sizable rate increases the suburban and retail customers are now facing. Notwithstanding that matter, Mr. Baird inquired of some means of lowering the rate to encourage Flint to return to the DWSD fold on a marginal costing approach that covers some portion of the fixed costs but may be slightly lower than the amount offered in the letter.

The optics of this matter to the suburban customers now facing a 9% to 14% rate increases are troublesome (sans any provision for the balance sheet issues and with little or no provision for the Detroit retail customers likely collection issues arising from these rate increases – which is going to make this summer even more troublesome when the shut offs start circa March / April). How can a reduction occur in the Flint rate covering fixed costs such that additional volumes actually would serve to reduce what would otherwise be the present proposals on the table? Theoretically, it can be justified but it is steeped in cost accounting but if we can't seem to differentiate 'rates' versus 'revenue requirement' how the heck can we justify something even more complicated to the residents or suburban

customers? Perhaps I have answered my own question – it might be able to done and prove to be beneficial, but politically its DOA. The political barrier seems to be too high a hurdle – and the approach already taken of offering to reconnect at the rates and flow previously charged is the only rational approach possible without sending what is already a very sensitive public off the deep end.

Just musing on a Friday afternoon, but I think I answered the question that Rich and I chatted about in the last part of the paragraph above.

*_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*

DWSD - Email Filter

EMT Rule: Message Allowe *_*_*_*_*_*_*_*_*_*_*_*_*_*_*_*

From: Baird, Richard (GOV)
Sent: Saturday, March 07, 2015 8:45 AM
To: Muchmore, Dennis (GOV)
Cc: Clement, Elizabeth (GOV)
Subject: Re: Flint Water Meeting

Left you a voicemail. He represents a company that received medc grant and we think they may have a role to play in flint water problem. Company founders meeting with Harvey, Ambrose and somebody from Flint water department since they were going to be in Lansing on Monday anyway.

Sent from my Verizon Wireless 4G LTE DROID

On Mar 7, 2015 8:19 AM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:
What does Steve have to do with the Flint water situation? Am I hopelessly out of the loop on this?

On Mar 6, 2015, at 2:11 PM, Clayton, Stacie (GOV) <claytons3@michigan.gov> wrote:

Just an FYI – the meeting Rich asked Harvey to arrange will be on Monday at 1pm in Lansing. Please see below. -- Stacie

From: Clayton, Stacie (GOV)
Sent: Friday, March 06, 2015 2:05 PM
To: Hollins, Harvey (GOV); 'Gerald Ambrose'; 'Maxine Murray'; Thelen, Mary Beth (DEQ); Wurfel, Brad (DEQ); Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ); 'Natasha Henderson'; Shekter Smith, Liane (DEQ)
Subject: Flint Water Meeting

Greetings All,

Attached is a brief overview of the information to be presented on Monday at the 1:00pm meeting with Steve Linder of the Sterling Corporation regarding Flint Water. The meeting will be held at the Sterling Corporation's offices on 106 W. Allegan, Ste. 2 in Lansing. I have sent the appointment and here are the list of attendees:

Harvey Hollins, Director, Governor's Office of Urban and Metropolitan Initiatives
Gerald Ambrose, Flint Emergency Manager
Natasha Henderson, Flint, City Manager
Liane Shekter Smith, Chief, Office of Drinking Water and Municipal Assistance (DEQ)
Stephen Busch, Office of Drinking Water and Municipal Assistance (DEQ)
Brad Wurfel, Director of Communications (DEQ)

<SomnioGlobal_Ozone disinfection technology.pdf>

John O'Brien

From: achubb@cityofflint.com
Sent: Thursday, October 08, 2015 12:30 PM
To: John O'Brien; Kevin Kilby
Cc: Byrne, Randall (Treasury); wyantd@michigan.gov; workmanw@michigan.gov; Warren Vyvyan; Dayne Wailing; Peter Bade; Natasha Henderson
Subject: Re: DWSD

John and Kevin,

Per our contract, the City is requesting flow of 16.5mgd average, 26mgd max flow. Please notify of intent to provide and costs as soon as possible.

Anthony Chubb
Interim Director of Human Resources and Labor Relations
Deputy City Attorney
City of Flint

Sent from my iPhone

On Oct 8, 2015, at 11:51 AM, John O'Brien <jfobrien@gcdcwws.com> wrote:

Tony

The County and City Have a current contract we will honor that agreement.
The DWSD recognizes this issue as identified in the last sentence of paragraph 1 d)

John

From: Anthony Chubb [<mailto:achubb@cityofflint.com>]
Sent: Thursday, October 08, 2015 11:25 AM
To: John O'Brien <jfobrien@gcdcwws.com>; Kevin K. Kilby <kkilby@mcgrawmorris.com>
Subject: Fwd: DWSD

See below. I had your old email in my history.

Anthony Chubb
Interim Director of Human Resources and Labor Relations
Deputy City Attorney
City of Flint
1101 S. Saginaw Street, 3rd Floor
Flint, MI 48502

(810) 237-2078

This communication, along with any documents, files or attachments, is intended only for the use of the addressee and may contain legally privileged and confidential information. If you are not the intended

From: Baird, Richard (GOV)
Sent: Thursday, October 22, 2015 9:41 AM
To: Gary Brown
Subject: Fwd: FW: state money for detroit water

Gary, I think the Flint administrator is wrong. Correct?

Rich

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
Date: Oct 22, 2015 9:34 AM
Subject: FW: state money for detroit water
To: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
Cc: "Murray, David (GOV)" <MurrayD1@michigan.gov>

Please see below.

No good deed goes unpunished. This looks like may be next big issue.

I thought GLWA-DWSD was NOT going to require the entire sum all up front?

From: Ronald Fonger [<mailto:RFONGER1@mlive.com>]
Sent: Thursday, October 22, 2015 9:28 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: state money for detroit water

Sara:

I was at a City Council meeting last night when Flint City Administrator Natasha Henderson said the state has only wired Flint \$2 million of the \$6 million approved by the state Legislature.

She said the city has been told it will receive an additional \$2 million in January and another \$2 million in April.

Henderson said she's asked that the money be sent immediately because the city was required to pay Detroit the entire \$12 million upfront, before the water was reconnected, and its water and sewer fund balance has dropped significantly as a result.

Several council members also spoke about this, and Council President Josh Freeman called the payment plant "beyond ridiculous" given the city's financial position.

Is there someone who can talk to us about this?

Thanks,

Ron Fonger
MLive Media Group

Reporter

mobile PPI

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502

From: Baird, Richard (GOV)
Sent: Thursday, October 22, 2015 11:13 AM
To: browngary@detroitmi.gov; Eric Rothstein
Subject: Fwd: state money for detroit water

Guys:

Found anything out on this? Don't want this to develop a life of its own...

Sent from my iPad

Begin forwarded message:

From: "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
Date: October 22, 2015 at 9:57:37 AM EDT
To: "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
Cc: "Murray, David (GOV)" <MurrayD1@michigan.gov>
Subject: RE: state money for detroit water

Thanks much -- that was the last I had knew and understood too about how was supposed to work.

Just trying to either correct and nip in bud ASAP before this gets out of hand.

But also imperative that we have facts first.

p.s.

Have also talked with Treasury and SBO teams and they're looking into from their respective ends as well.

From: Baird, Richard (GOV)
Sent: Thursday, October 22, 2015 9:43 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: state money for detroit water

The deal was monthly payments. I will get into this as quick as I can but I am sure she has it wrong or someone in DWSD is befuddled.

From: Wurfel, Sara (GOV)
Sent: Thursday, October 22, 2015 9:35 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV)
Cc: Murray, David (GOV)
Subject: FW: state money for detroit water
Importance: High

Please see below.

No good deed goes unpunished. This looks like may be next big issue.

I thought GLWA-DWSD was NOT going to require the entire sum all up front?

From: Ronald Fonger [<mailto:RFONGER1@mlive.com>]

Sent: Thursday, October 22, 2015 9:28 AM

To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>

Subject: state money for detroit water

Sara:

I was at a City Council meeting last night when Flint City Administrator Natasha Henderson said the state has only wired Flint \$2 million of the \$6 million approved by the state Legislature.

She said the city has been told it will receive an additional \$2 million in January and another \$2 million in April.

Henderson said she's asked that the money be sent immediately because the city was required to pay Detroit the entire \$12 million upfront, before the water was reconnected, and its water and sewer fund balance has dropped significantly as a result.

Several council members also spoke about this, and Council President Josh Freeman called the payment plant "beyond ridiculous" given the city's financial position.

Is there someone who can talk to us about this?

Thanks,

Ron Fonger

MLive Media Group

Reporter

mobile PPI

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502

From: Baird, Richard (GOV)
Sent: Thursday, December 10, 2015 11:29 AM
To: Chris De Witt
Subject: Fwd: FWATF Proposal
Attachments: Pub_204_Local_Support_Plan_Guide_366759_7.docx

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Kelenske, Chris (MSP)" <KelenskeC@michigan.gov>
Date: Dec 10, 2015 10:50 AM
Subject: FWATF Proposal
To: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Cc: "Etue, Kriste (MSP)" <EtueK@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Gorski, Gary (MSP)" <GorskiG@michigan.gov>

Rich

I have located \$25,000 to assist in paying for the FWATF communications needs. I would like added to the scope of work for them to update the Local Emergency Operations Support Plan (Pub 204) and train and exercise the plan with appropriate personnel. I attached the template we provide locals to use in developing the plan. Flint has a plan in place but with everything going on and based on interactions recently I am not convinced it is followed or if they even know about it. I am certain the new Mayor is not aware of the Local Support Plan.

Please let me know if you need additional on this or have questions.

Chris

Capt. Chris A. Kelenske

Deputy State Director/Commander

Emergency Management and Homeland Security Division

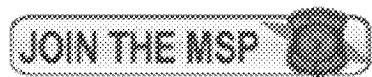
Michigan State Police

4000 Collins Road

Lansing, MI 48910

(517) 333-5042

“A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY.”



SUPPORT EMERGENCY OPERATIONS PLAN GUIDE

**A GUIDE TO ASSIST MUNICIPALITIES INCORPORATED INTO THE COUNTY
EMERGENCY MANAGEMENT PROGRAM TO DEVELOP A SUPPORT EMERGENCY
OPERATIONS PLAN.**

TABLE OF CONTENTS

Introduction to the Guide	1
Purpose.....	1
Scope.....	1
Maintenance.....	1
Developing the Plan	1
Plan requirements	1
Plan format.....	2
Planning process.....	3-4
Emergency Management Resolution.....	4
 Attachments:	
Attachment A: Sample Emergency Management Resolution	5
Attachment B: Sample Support Emergency Operations Plan	12

INTRODUCTION TO THE GUIDE

I. Purpose

This document is designed to serve as a guide for municipalities with a population of 10,000 residents or above that have elected to incorporate into the County Emergency Management Program and need to develop a Support Emergency Operations Plan (EOP) following the Administrative Rules for Section 19, 1976 PA 390, as amended. In accordance with these rules, the Support EOP shall be consistent with the County Emergency Operations Plan and will become part of the county plan.

The preparation of a Support EOP will increase emergency preparedness through the definition of the responsibilities of local departments and agencies. The plan assigns tasks that need to be accomplished when an incident occurs, and describes how local and county emergency management efforts are related. Maintaining a current Support EOP also establishes eligibility to receive Section 19 funding in accordance with Section 19 of 1976 PA 390, as amended. If federal assistance does not become available after the Governor has declared a State of Disaster or Emergency, affected counties and municipalities can be eligible to receive state assistance up to \$100,000 or 10% of their operating budget, whichever is less, to cover certain disaster related expenses. To be eligible for Section 19 funding, municipalities with a population of 10,000 and above that do not maintain an independent emergency management program must develop and submit a Support EOP to the county, and implement that plan in a timely manner at the beginning of the incident.

II. Scope

This document provides basic guidance and a template for the development of a Support EOP. The template (Attachment B) contains general information that can be adapted to any municipality. The annexes specify how the municipality will carry out common emergency support functions.

Also included with this document is a sample Emergency Management Resolution (Attachment B) that appoints the County Emergency Management Coordinator as the Emergency Management Coordinator of the municipality, and outlines how emergency management efforts on the local level are organized in relation to the County Emergency Management Program.

If either template is used, it should be reviewed and adjusted to the specific needs of each municipality. Municipalities that do not utilize the templates can develop individual plans or resolutions. Other available guiding materials for the development of EOPs include MSP/EMSHD Pub 201 (Local Planning Workbook) and FEMA Comprehensive Preparedness Guide 101.

III. Maintenance

Pub 204 has been developed by MSP/EMHSD and is maintained to ensure compliance with current national planning standards and relevant state laws pertaining to emergency planning. This document was last updated in August 2015 and supersedes the October 2011 version. It will be updated every four years.

DEVELOPING THE PLAN

All stakeholders that are involved in the community response to emergencies and disasters should be involved in the development of the Support EOP. The County Emergency Management Program should work with the municipality to ensure that the plan is compatible with the County Emergency Operations Plan. A standardized planning approach can be used for the development of the Support EOP.

I. Plan requirements

The Administrative Rules for Section 19 of 1976 PA 390, as amended, establish four requirements for the development of Support EOPs. In accordance with these requirements, Support EOPs shall:

1. **Describe the relationship between the County Emergency Management Program and the municipality:**

The plan should state that the municipality has chosen to incorporate into the county program, coordinates emergency management related matters with the county program, and has assigned the County Emergency Management Coordinator as the responsible Emergency Management Coordinator for the municipality.

2. Identify the municipality's response procedures in relation to the county response procedures:

The plan should establish annexes that describe common tasks that need to be accomplished when responding to an emergency or disaster, and assign responsibility for these tasks to municipal departments and other local agencies. The annexes should identify the responsible agencies on the local level that coordinate and share information with at the county level, and clarify joint responsibilities. Annexes in the Support EOP should also identify which annex or annexes they relate to in the County EOP.

3. Be maintained in accordance with the standards and currentness of the county plan, be consistent with the county plan:

The efforts described in local and county plans should be consistent and complement each other. To maintain the Support EOP in currentness with the County EOP, updates to the local plan are necessary whenever the county plan is updated. When the County EOP is updated, the Support EOP should be revised to ensure that it is still compatible with the county plan.

4. Contain the signature of the Chief Executive Official (CEO) of the municipality, be forwarded to the county:

After a new Support EOP has been developed or an existing plan has been updated, the signature of the CEO (Mayor, Township Supervisor) needs to be obtained. If a change of the CEO occurs, the plan needs to be reviewed and the signature of the new official obtained. After the plan is signed, a copy must be forwarded to the County Emergency Management Program, where it should be filed with the County EOP.

II. Plan format

The plan should consist of a Basic Plan section and functional annexes.

The Basic Plan defines the purpose of the plan, provides a community profile, identifies hazards and community vulnerabilities, and describes the relationship between municipality and the County Emergency Management Program.

The annexes identify specific emergency management and response tasks that need to be accomplished before, during and after an incident, and assign responsibility for carrying out these tasks to local agencies. Annexes should be organized by emergency response functions or tasked agencies and can be written in narrative or bulleted style. While municipalities are not required to mirror the format used in the county plan, this can be beneficial. The template included with this document uses a bulleted "Emergency Action Guidelines" format for its annexes.

III. Planning process

The following seven step planning process also utilized in County EOP development should be used to develop a Support EOP. For additional information on the process steps, please refer to MSP/EMSHD Pub 201 (Local Planning Workbook).

1. Form a collaborative planning team:

The planning team is the group of individuals responsible for designing, developing, and implementing the Support EOP. It should include representatives from all agencies that are committed to participate in emergency response activities within the municipality. Other stakeholders that should be engaged in the planning process include representation from the municipality's executive office, the County Emergency Management Program, agencies that can provide insight into necessary accommodations for groups or individuals requiring Functional Needs Support Services (FNSS), schools, etc.

2. Identify hazards and assess risks:

The hazard analysis is the foundation upon which the municipality's emergency planning efforts should be built. It identifies conditions or situations that have the potential to cause harm to people or property in the community. The hazard analysis process involves four steps.

Step 1: A profile of the community is developed (demographic and economic make-up, geography and land-use, key facilities, etc.).

Step 2: The development of a community profile is followed by the hazard identification, which should start with a review of the County Hazard Analysis or Hazard Mitigation Plan. Local resources should then be used to identify further hazards that are unique to the community and might not have been included in county documents.

Step 3: The assessment of risks explores how likely it is that a risk will manifest itself in an incident, how often this might occur, where it might occur, and what the severity of impact would be. Hazards should be ranked based on the expected frequency of occurrence and severity of impact.

Step 4: The vulnerability determination examines how susceptible citizens, property, infrastructure and critical systems are to the identified hazards.

3. Determine Goals and Objectives:

Developing clear goals and objectives will help the municipality to identify problems, issues and opportunities. Establishing goals outlines the vision of what the community wants to achieve. Goals can be pursued in the long-term, but need to be achievable. Objectives are specific and measurable strategies to achieve these goals. Often, multiple objectives will need to be established to support one goal.

4. Plan Development:

This step describes the conceptualization of the plan, which includes the generation and comparison of alternate strategies to achieve the established goals and objectives. This involves two tasks: Developing and analyzing courses of actions to be conducted during an incident, and identifying the resources that determine the capability of the municipality to take these actions. Developing actions allows planners to depict how an operation unfolds by building and working through a portrait of a potential event, including key decision points and participant activities. This helps to identify actions that occur and resources that will be required throughout the progression of an event.

After identifying potential strategies to achieve established goals, an important sub-step in the conceptualization of the plan is the evaluation of actions to ensure that the actions that are selected to be included in the plan are feasible. It is critical to determine if required resources are available or easily obtainable during an incident, and if actions are compliant with laws and regulations, such as local ordinances and resolutions, legal authorities, law enforcement standards, and Governor's orders and directives.

5. Plan Preparation, Review and Approval:

When writing the plan, a simple format should be used. The finished plan must be compatible with the County EOP. This can be achieved by including references to the county plan, utilizing a similar format, or organizing annexes after similar emergency response functions. Feedback should be solicited from all stakeholders that are tasked within the plan, the County Emergency Management Program, and local elected officials. After the review process, necessary adjustments should be implemented. The municipality should adopt the plan by resolution, obtain the signature of the CEO, and forward a signed copy of the plan to the County Emergency Management Program.

6. Plan implementation and update:

The last step is to implement, maintain and update the plan. Plan updates are required after change of the CEO or when the County EOP has been updated. Plan reviews should also be considered after plan activations (during incidents or exercises), changes in operational resources, and changes in the community and/or hazard profile of the municipality. Lessons learned from actual events and exercises are essential to the evaluation of a plan's effectiveness, and help to determine if the plan is:

- Adequate: The concept of operations identifies and addresses critical tasks effectively.

- Feasible: Critical tasks can be accomplished timely and with available resources.
- Acceptable: The needs and demand driven by an event are met, actions meet the expectation of local officials and the public, and are consistent with law.
- Complete: The plan includes all necessary tasks, steps and required capabilities to reach an identified desired end state.
- Compliant: The plan complies with guidance and doctrine to the highest extent possible.

FEMA Comprehensive Preparedness Guide 101 established adequacy, feasibility, acceptability, completeness and compliance as criteria that allow planners and decision makers to determine the efficiency and effectiveness of their plans.

EMERGENCY MANAGEMENT RESOLUTION

In addition to the development of a Support EOP, it is recommended that municipalities adopt a local Emergency Management Resolution. The Emergency Management Resolution should appoint the County Emergency Management Coordinator as the Emergency Management Coordinator responsible for the municipality, describe the local emergency management organization and its relationship to the County Emergency Management Program, and provide a means for the local legislative body to exercise the authority vested in them by 1976 PA 390, as amended. Attachment A provides a sample Emergency Management Resolution.

ATTACHMENT A: SAMPLE EMERGENCY MANAGEMENT RESOLUTION

The following pages provide a sample Emergency Management Resolution. If used as a template, the sample resolution should be reviewed by municipality and county, and adjusted to meet local needs. Before adoption, the resolution should be reviewed by the municipality's legal counsel.

(Municipality)
Emergency Management Resolution

A resolution to provide for the mitigation, preparedness, response and recovery from natural and human-made disasters within (insert name of municipality) by being part of the (insert name of county) emergency management program; to appoint the county emergency management coordinator as the (insert name of municipality) emergency management coordinator; to provide for a means for coordinating the resources of the municipality with those of the county; and to provide a means through which the (city council? township board?) may exercise the authority and discharge the responsibilities vested in them by this resolution and Act No. 390 of the Public Acts of 1976, as amended.

Article 1 - Short Title

Section 101. This resolution shall be known as the "Emergency Management Resolution".

Article 2 – Definitions

Section 201. For the purpose of this resolution, certain words used herein are defined as follows:

- (a) "Act" means the Michigan Emergency Management Act, Act No. 390 of the Public Acts of 1976, as amended.(b) "Disaster" means an occurrence or threat of widespread or severe damage, injury or loss of life or property resulting from a natural or human-made cause, including but not limited to, fire, flood, snowstorm, ice storm, tornado, windstorm, wave action, oil spill, water contamination, utility failure, hazardous peacetime radiological incident, major transportation accident, hazardous materials incident, epidemic, air contamination, blight, drought, infestation, explosion, or hostile military action or paramilitary action, or similar occurrences resulting from terrorist activities, riots, or civil disorders.
- (c) "Disaster relief force" means all agencies of county and municipal government, private and volunteer personnel, public officers and employees, and all other persons or groups of persons identified in the (insert name of county) Emergency Operations Plan as having duties to perform or those called into duty or working at the direction of a party identified in the plan to perform a specific disaster or emergency related task during a local state of emergency.
- (d) "District Coordinator" means the Michigan Department of State Police District Emergency Management Coordinator. The District Coordinator serves as liaison between local emergency management programs and the Michigan State Police, Emergency Management Division in all matters pertaining to the mitigation, preparedness, response and recovery of emergency and disaster situations.
- (e) "Emergency management coordinator" means the person appointed to coordinate all matters pertaining to emergency management within the municipality. The emergency management coordinator for (insert name of municipality) is the (insert name of county) emergency management coordinator.
- (f) "Emergency management program" means a program established to coordinate mitigation, preparedness, response and recovery activities for all emergency or disaster situations within a given geographic area made up of one or several political subdivisions. Such a program has an appointed emergency management coordinator and meets the program standards and requirements established by the Department of State Police, Emergency Management Division. The (insert name of municipality) has elected to be part of the (insert name of county) emergency management program.
- (g) "Emergency operations plan" means the plan developed and maintained by county and political subdivisions included in the emergency management program area for the purpose of responding to all emergency or disaster situations by identifying and organizing the disaster relief force.
- (h) "Governor's state of disaster" means an executive order or proclamation by the Governor that implements the disaster response and recovery aspects of the Michigan Emergency Management Plan and applicable local plans of the county or municipal programs affected.
- (i) "Governor's state of emergency" means an executive order or proclamation by the Governor that implements the emergency response and recovery aspects of the Michigan Emergency Management Plan and applicable local plans of the county or municipal programs affected.

- (j) "Local state of emergency" means a declaration by the (mayor? township supervisor? other official designated in municipal charter?)¹ pursuant to the act and this resolution which implements the response and recovery aspects of the (insert name of county). Emergency Operations Plan and authorizes certain actions as described in this resolution.
- (k) "Vital records" means those records that contain information needed to continue the effective functioning of a government entity (jurisdiction, agency, department) and for the protection of the rights and interests of persons under emergency conditions in the event of an emergency or disaster situation.

Article 3 - Emergency Management Coordinator; Appointment

Section 301. By the authority of this resolution the (mayor? township supervisor? other official designated in municipal charter?) hereby appoints the (insert name of county) Emergency Management Coordinator as the emergency management coordinator for (insert name of municipality).² In addition to acting for, and at the direction of, the (chairperson? county executive?), the Emergency Management Coordinator will also act for, and at the direction of, the (mayor? township supervisor? other official designated in municipal charter?).³

Section 302. A line of succession for the (insert name of county) Emergency Management Coordinator has been established and is listed in the (insert name of municipality) Emergency Operations Plan.

Article 4 - Emergency Management Coordinator; Duties

Section 401. The Emergency Management Coordinator shall comply with standards and requirements established by the Department of State Police, Emergency Management Division, under the authority of the act, in accomplishing the following⁴:

- (a) Direct and coordinate the development of the (insert name of county) Emergency Operations Plan, which shall be consistent in content with the Michigan Emergency Management Plan.
- (b) Direct and coordinate the development of the (insert name of county) Emergency Operations Plan, which shall be consistent in content with the Michigan Emergency Management Plan.
- (c) Specify departments or agencies which must provide an annex to the plan or otherwise cooperate in its development.
- (d) Identify departments and agencies to be included in the Emergency Operations Plan as disaster relief force.
- (e) Develop and maintain a county Resource Manual.
- (f) Coordinate the recruitment, appointment, and utilization of volunteer personnel.

¹ According to Act 390, as amended, sec. 10 (1) (b) any county or municipality that has an appointed emergency management coordinator can declare a local state of emergency. This power is given to the "chief executive official" (see definitions in the act) or the official designated by charter.

² Act 390, as amended, sec. 9 (2-3) states that the coordinator shall be appointed by the "chief executive official" (see definitions in the act) in a manner provided in the municipal charter.

³ Act 390, as amended, sec. 9 (1-3) states that the appointed county coordinator shall act for and at the direction of the chairperson or county executive. It also says that a coordinator appointed by a municipality shall act for and at the direction of the "chief elected official" (see definitions in the act) or the official designated by the municipal charter.

⁴ Act 390, as amended, sec. 7a (4) gives the Emergency Management Division the authority to promulgate several standards and requirements.

- (g) Assure the emergency management program meets eligibility requirements for state and federal aid.
- (h) Coordinate and/or conduct training and exercise programs for the disaster relief force within the county and to test the adequacy of the Emergency Operations Plan.
- (h) Through public information programs, educate the population as to actions necessary for the protection of life and property in an emergency or disaster.
- (i) Assist in the development of mutual aid agreements.
- (j) Assist the **(insert name of municipality)** municipal liaison with the development of municipal standard operating procedures which are consistent with the county Emergency Operations Plan.
- (k) Oversee the implementation of all functions necessary during an emergency or disaster in accordance with the Emergency Operations Plan.
- (l) Coordinate county emergency management activities with those municipalities included in the county emergency management program, other municipalities, the state, and adjacent counties.
- (m) Coordinate all preparedness activities, including maintaining primary and alternate Emergency Operations Centers.
- (n) Identify mitigation opportunities within the county and encourage departments/agencies to implement mitigation measures.

Article 5 - Emergency Management Liaison; Duties

Section 501. By the authority of this resolution the **(mayor? township supervisor? other official designated in municipal charter?)** has appointed a liaison for the purpose of assisting the county Emergency Management Coordinator in coordinating the emergency management activities within the municipality. The duties of the liaison are as follows:

- (a) Coordinate municipal emergency management activities with those of the county jurisdictions.
- (b) Assist the county Emergency Management Coordinator with the development of the county Emergency Operations Plan and the incorporation of municipal resources into the plan.
- (c) Identify municipal departments and agencies to be included in the Emergency Operations Plan as part of the disaster relief force.
- (d) Identify municipal resources and forward information to the county Emergency Management Coordinator for inclusion in the county Resource Manual.
- (e) Coordinate the recruitment, appointment, and utilization of volunteer resources.
- (f) Assist the county Emergency Management Coordinator with administering training programs.
- (g) Coordinate municipal participation in exercises conducted by the county.
- (h) Assist in the development of mutual aid agreements.
- (i) Assist in educating the population as to actions necessary for the protection of life and property in an emergency or disaster.
- (j) Encourage departments/agencies within the municipality to identify and implement procedures to mitigate the effects of potential disasters.
- (k) Assist in the assessment of the nature and scope of the emergency or disaster and collect damage assessment information and forward to the county.
- (l) Coordinate the vital records protection program.
- (m) Develop municipal standard operating procedures for disaster response which are consistent with the county Emergency Operations Plan.

Section 502. The **(mayor? township supervisor? other official designated in municipal charter?)** shall appoint a minimum of two persons as successors to the position of the municipal liaison. The line of succession shall be supplied to the county Emergency Management Coordinator.

Article 6 - (Mayor? Township supervisor? Other official designated in municipal charter?); Powers; Duties

Section 601. On an annual basis, the (mayor? township supervisor? other official designated in municipal charter?) shall review the eligibility and performance of the Emergency Management Coordinator and make recommendations to the (city council? township board?).⁴

Section 602. The (mayor? township supervisor? other official designated in municipal charter?) shall, review the effectiveness of the (insert name of county) county Emergency Operations Plan as the plan relates to the municipality once every two years. With the assistance of the municipal liaison, he/she shall make recommendations to the county Emergency Management Coordinator of any changes which may be needed. After this review and incorporation of necessary changes, the (mayor? township supervisor?) shall certify the plan to be current and adequate for (insert name of municipality) the ensuing two years.⁵

Section 603. When circumstances within the (city? township?) indicate that the occurrence or threat of occurrence of widespread or severe damage, injury or loss of life or property from natural or human-made cause exists the (mayor? township supervisor? other official designated in municipal charter?) may declare a local state of emergency.¹ Such a declaration shall be promptly filed with the (insert name of county) county Emergency Management Office, who shall forward it to the Department of State Police, Emergency Management Division. This declaration shall not be continued or renewed for a period in excess of 7 days except with the consent of the (city council? township board?).⁶

Section 604. If the (mayor? township supervisor? other official designated in municipal charter?) invokes such power and authority, he/she shall, as soon as reasonably expedient, convene the (city council? township board?) for one or more emergency meetings in accordance with the Open Meetings Act to perform its normal legislative and administrative duties as the situation demands, and will report to that body relative to emergency activities. Nothing in this resolution shall be construed as abridging or curtailing the powers of the (city council? township board?) unless specifically provided herein.

Section 605. The (mayor? township supervisor? other official designated in municipal charter?) may do one or more of the following under a local state of emergency:

- (a) Direct the Emergency Management Coordinator to implement the Emergency Operations Plan.
- (b) Issue directives as to travel restrictions on local roads within the municipality.
- (c) Relieve (city? township?) employees of normal duties and temporarily reassign them to other duties.
- (d) Activate mutual aid agreements.
- (e) Direct the municipal disaster relief effort in accordance with the county Emergency Operations Plan and municipal standard operating procedures.
- (f) Notify the public and recommend in-place or evacuation or other protective measures.
- (g) Request a state of disaster or emergency declaration from the Governor as described in Article 7.
- (h) When obtaining normal approvals would result in further injury or damage, (mayor? township supervisor? other official designated in municipal charter?) may, until (city council? township board?) convenes, waive procedures and formalities otherwise required pertaining to the following:
 - (1) For a period of up to 7 days, send the disaster relief force and resources to the aid of other communities as provided by mutual aid agreements.
 - (2) For a period of up to 7 days, appropriate and expend funds from the disaster contingency fund created in Article 9 up to \$(insert dollar amount).
 - (3) For a period of up to 7 days, make contracts, obtain and distribute equipment, materials, and supplies for disaster purposed.
 - (4) Employ temporary workers.
 - (5) Purchase and distribute supplies, materials, and equipment.

⁵ Rule 4 (c) (d-q) of the administrative rules promulgated for Act 390, sec. 19 states that the plan shall be considered official upon bearing the signature of the chief executive official of the municipality. The plan must be current and adequate (see rule) within two years.

⁶ Act 390, as amended, sec. 10 (1) (b) provides for the 7 day limit and disposition of the declaration.

- (6) Make, amend, or rescind ordinances or rules necessary for emergency management purposes which supplement a rule, order, or directive issued by the Governor or a state agency. Such an ordinance or rule shall be temporary and, upon the Governor's declaration that a state of disaster or state of emergency is terminated, shall no longer be in effect.⁷

Section 606. If a state of disaster or emergency is declared by the Governor, assign and make available for duty the employees, property, or equipment of the (city? township?) within or without the physical limits of the (city? township?) as ordered by the Governor or the Director of the Department of State Police in accordance with the act.⁸

Article 7 - Governor Declaration Request

Section 701. If a disaster or emergency occurs that has not yet been declared to be a state of disaster or a state of emergency by the Governor, and the (mayor? township supervisor? other official designated in municipal charter?) determines that the situation is beyond control of the municipality, he/she may request the Governor to declare that a state of disaster or state of emergency exists in the municipality in accordance with the act. This shall be done by immediately contacting the (insert name of county) Emergency Management Coordinator. The Emergency Management Coordinator shall immediately contact the District Coordinator. The District Coordinator, in conjunction with the Emergency Management Coordinator, shall assess the nature and scope of the disaster or emergency, and they shall recommend the state personnel, services, and equipment that will be required for its prevention, mitigation, or relief.⁹

Article 8- Volunteers; Appointment; Reimbursement

Section 801. Each municipal department, commission, board, or other agency of municipal government is authorized to appoint volunteers to augment its personnel in time of emergency to implement emergency functions assigned in the county Emergency Operations Plan. Such individuals are part of the disaster relief force and shall be subject to the rules and operational control set forth by the respective department, commission, board, or agency through which the appointment was made, and shall be reimbursed for all actual and necessary travel and subsistence expenses.¹⁰

Article 9 - Disaster Contingency Fund

Section 901. A disaster contingency fund is hereby created in the budget of not less than (enter percent of the total operating budget or an amount). Money may be expended from the fund when a local state of emergency has been declared for the purpose of paying the disaster relief force, purchase of supplies and services, repair costs, or other needs required specifically for the mitigation of the effects of, or in response to, the emergency or disaster.

Article 10 - Rights of Disaster Relief Force

Section 1001. In accordance with the act, personnel of the disaster relief force while on duty shall have the following rights:

- (a) If they are employees of the municipality, or other governmental agency regardless of where serving, have the powers, duties, rights, privileges, and immunities and receive the compensation incidental to their employment.
- (b) If they are not employees of the municipality, or other governmental agency be entitled to the same rights and immunities as are provided for by law.¹⁰

Article 12 - Temporary Seat of Government

⁷ Act 390, as amended, sec.12 (2) provides this authority.

⁸ Act 390, as amended, sec. 10 (1) (h) provides this authority.

⁹ Act 390, as amended, sec.12 states that the "chief executive official" (see definitions in act) of a county or any municipality may make this request. However, he/she must do this utilizing the procedures set forth in sec. 14 of the act which states that the appointed emergency management coordinator and the district coordinator must jointly assess the situation and make recommendations.

¹⁰ Act 390, as amended, sec. 11 (1) (a-c) discusses disaster relief force rights and duties.

Section 1201. The (city council? township board?) shall provide for the temporary movement and reestablishment of essential government offices in the event that existing facilities cannot be use.

Article 13 - Liability

Section 1301. As provided for in the act and this resolution, the municipality, or the agents or representatives of the municipality, shall not be liable for personal injury or property damage sustained by the disaster relief force. In addition, any member of the disaster relief force engaged in disaster relief activity shall not be liable in a civil action for damages resulting from an act of omission arising out of and in the course of the person's good faith rendering of that activity, unless the person's act or omission was the result of that person's gross negligence or willful misconduct. The right of a person to receive benefits or compensation to which he or she may otherwise be entitled to under the worker's compensation law, any pension law, or act of congress will not be effected as a result of said activity.¹¹

Section 1302. As provided for in the act, any person owning or controlling real estate or other premises who voluntarily and without compensation grants the municipality the right to inspect, designate and use the whole or any part of such real estate or premises for the purpose of sheltering persons or for any other disaster related function during a declared local state of emergency or during an authorized practice disaster exercise, shall not be civilly liable for the death of, or injury to, any person on or about such real estate or premises under such license, privilege or other permission, or for loss of, or damage to, the property of such person.¹¹

Article 14 - Sovereignty

Section 1401. Should any section, clause, or provision of this resolution be declared by the courts invalid for any reason, such declaration shall not affect the validity of this resolution as a whole or any part thereof, other than the section, clause, or provision so declared to be invalid.

Article 15 - Repeals

Section 1501. All resolutions or parts of resolutions inconsistent herewith are hereby repealed.

Article 16 - Annual Review

Section 1601. This resolution shall be reviewed annually by the (city council? township board?) and changes shall be made if necessary.

Article 17 - Effective Date

Section 1701. This resolution shall have immediate effect.

(The community may choose to adopt either an ordinance or resolution, whichever is the most appropriate procedure within the community, and promulgate it according to normal procedures.)

¹¹ Act 390, as amended, sec. 11 (2-8) discusses liability.

ATTACHMENT B: SAMPLE SUPPORT EMERGENCY OPERATIONS PLAN

The following pages provide a sample Support Emergency Operations Plan. If used as a template, the sample plan should be reviewed and adjusted to meet local needs.

(Municipality)

SUPPORT EMERGENCY OPERATIONS PLAN

An all-hazards plan supporting the (County Emergency Operations Plan/Emergency Action Guidelines), for use in the event of disaster or severe emergency of natural, human, wartime, technological or terrorism origin.

(Date)

The information contained in this template, developed by the Michigan State Police, Emergency Management and Homeland Security Division (MSP/EMHSD), should be used to assist in developing a Support Emergency Operations Plan which must then be reviewed by the Local Planning Team (LPT) and modified based on the community's emergency response capabilities.

TABLE OF CONTENTS

Promulgation Document	i
Approval and Implementation	ii
Record of Revisions	iii
Record of Distribution	iv

Basic Plan:

Purpose	1
Scope	1
Authorities and References	1
Plan Development and Maintenance	1-2
Situation Overview	2
Planning Assumptions.....	3
Concept of Operations	3-4
Organization and Assignment of Responsibilities.....	5-6

Annexes:

Overview.....	12
Annex A, Direction, Control, and Coordination.....	13-15
Annex B, Communications and Warning	16-17
Annex C, Damage Assessment.....	18-19
Annex D, Fire Services.....	20-21
Annex E, Mass Care, Emergency Assistance, Housing, and Human Services	22-23
Annex F, Public Health and Medical Services.....	24-25
Annex G, Public Information.....	26-27
Annex H, Public Safety.....	28-29
Annex I, Public Works	30-31

Promulgation Document

Officials of (Municipality), in conjunction with County and State Emergency Eanagement (EM) agencies, have developed this Support Emergency Operations Plan that will enhance the local emergency response capability.

This plan, when used properly and updated, will assist local government officials to accomplish their primary responsibilities of protecting lives and property in their community. This plan and its provisions will become official when it has been signed and dated below by the Chief Executive Official (CEO) of the municipality.

Chief Executive Official
(Municipality)

Date

Approval and Implementation

The Support Emergency Operations Plan, referred to in this document as the Support EOP, describes how (Municipality) will handle emergency situations in cooperation with the (County) Emergency Management Program. The Support EOP assigns responsibilities to agencies for coordinating emergency response activities before, during, and after any type of emergency or disaster. The Support EOP does not contain specific instructions as to how each department will respond to an emergency; these can be found in the plan annexes or separate Standard Operating Procedures (SOP).

The goal of the Support EOP is to coordinate emergency response efforts to save lives, reduce injuries, and preserve property. The Support EOP addresses emergency issues before and after an emergency, but its primary goals are to assemble, mobilize and coordinate a team of responders that can respond to any emergency, and describe response procedures in relation to the county response procedures.

The Support EOP will use a graduated response strategy that is in proportion to the scope and severity of an emergency. (Municipality) will plan, prepare and activate resources for local emergencies that affect the local area (or a specific site) and/or widespread disasters that affect the entire state and/or nation.

The Support EOP was developed by a Local Planning Team (LPT). The LPT consists of key departments covering emergency functions such as law enforcement, fire, public works, and public health. The team works to establish and monitor programs, reduce the potential for hazard events in the community through planning, review, and training, and assist the (County) Emergency Management Program in developing and maintaining the County EOP.

The Support EOP must be signed by the current CEO each time it is updated, with the exception of the following activities:

1. Minor updates e.g. changing system names, grammar, spelling or layout changes
2. Updates to the annexes

These activities may be updated in the plan without the CEO signature by the following individuals:

1. Emergency Management Liaison
2. Department head responsible for an annex

Homeland Security Presidential Directive (HSPD) 5 facilitates a standard management approach to major incidents, the National Incident Management System (NIMS). NIMS is administered as part of the National Response Framework (NRF) which integrates the federal government into a single, all discipline, and all-hazards plan. NIMS will provide a nationwide approach that enables federal, state, tribal and local government agencies to “work effectively and efficiently together to prepare for, respond to, and recover from domestic incidents, regardless of cause, size or complexity.” This Support EOP has integrated NIMS concepts, including the Incident Command System (ICS), and language to help incident management operate in accordance to the NIMS using the guidance provided by the Department of Homeland Security (DHS).

During an emergency, all response personnel will use the ICS to manage the incident and employ emergency resources at the site. The Emergency Operation Center (EOC) will coordinate additional resources when needed. This EOP will be used during community recovery after an emergency.

This plan supersedes all previous plans.

Record of Revisions

(Municipality)

Support Emergency Operations Plan

The following is a list of revisions made to the Support EOP. This chart tracks the date that changes were made, reason for the changes, updated pages, and who made the revision.

Date	Reason for Revision	Page Numbers	Revised By

Record of Distribution

The following is a list of the individuals and facilities that have been provided a copy of the Support EOP in order to conduct the assigned tasks addressed in this plan.

Title of Recipient	Name of Recipient	Agency	Date	Number of Copies
Chief Executive Official				
<u>(Legislative body, e.g. City Council/Commission, Township Board of Commissioners)</u>				
<u>(County)</u> Emergency Management Coordinator				
<u>(Municipality)</u> Emergency Management Liaison				
Communications and Warning Official				
Damage Assessment Official				
Fire Services Official				
Mass Care, Emergency Assistance, Housing, and Human Services Official				
Public Health and Medical Services Official				
Public Information Official				
<u>(Municipality)</u> Public Information Center				
<u>(Municipality)</u> Emergency Operations Center				

Basic plan

Purpose

(Municipality) has elected to incorporate into the (County) Emergency Management Program. As partners in the five phases of emergency management, mitigation, preparedness, prevention, response and recovery, (Municipality) and the (County) Emergency Management Program share joint responsibilities. The (Municipality) Support EOP has been developed to identify these responsibilities. It is to be used in concurrence with the County EOP. In accordance with Section 19 of the Michigan Emergency Management Act (1976 PA 390, as amended), activation of this this plan at the beginning of a disaster or emergency also establishes eligibility to receive state assistance for disaster related expenses incurred during a State of Emergency or Disaster declared by the Governor, for which federal assistance is unavailable.

Scope

The (Municipality) Support EOP is an adaptable document that can be applied to all hazards. Due to the unique nature of emergencies, it may become necessary to deviate from the contents of the plan when responding to an incident. Agencies that have been assigned supporting roles in this plan have developed and will maintain SOPs that provide systematic instructions for accomplishing their assigned functions. The local government conducts additional activities, such as personnel training, participation in exercises, public information, land-use planning, etc., to support emergency preparedness, mitigation, and response efforts. To facilitate efficient emergency management operations, (Municipality) continues to implement the NIMS.

Authorities and References

A. Authority of local officials during an emergency:

1. 1976 PA 390, as amended,
2. (Municipality), local Emergency Management resolution,
3. (Municipality), adoption of the Support EOP,
4. Executive Directive No. 2005-09, the state adoption of the NIMS,
5. The Robert T. Stafford Disaster Relief and Emergency Assistance Act,
6. Emergency Planning and Community Right to Know Act of 1986 (EPCRA) also known as the Superfund Amendments and Reauthorizations Act (SARA), Title III,
7. Good Samaritan Law and Know Act of 1986.

B. References used to develop the Support EOP:

1. NIMS,
2. NRF,
3. Michigan Emergency Management Plan (MEMP), Michigan State Police, Emergency Management and Homeland Security Division (MSP/EMSHD),
4. Pub 204, MSP/EMHSD.

Plan Development and Maintenance

To ensure that this Support EOP addresses the needs of the community and is consistent with the (County) EOP, this document was developed in a cooperative, whole community effort between municipal government, local community, and the County Emergency Management Program. The Support EOP is updated after every change of the municipal CEO or update to the County EOP. After the plan is adopted by resolution of the (council/board) and approved by the CEO, it is forwarded to the County Emergency

~~Management Program. The plan will be implemented, tested through exercises in concurrence with county officials, and maintained in accordance with the standards and currentness of the (County) EOP.~~

This plan has been provided to all municipal departments, local elected officials, the County Emergency Management Program and all agencies tasked within the document. It includes this Basic Plan, which provides an overview of the municipality's preparedness and response strategies, and functional annexes that describe the actions, roles and responsibilities of participating organizations.

Situation Overview

- B. (Municipality) has taken various preparedness and incident management steps to enhance capabilities in responding to incidents including:

1. The mitigation of potential hazards.
2. Identification of emergency response agencies and mechanisms that will protect life and property before, during and after an emergency.
3. Tasking agencies, organizations, and individuals with specific functions and responsibilities relative to emergency operations. Assigned tasks are explained in further detail under "Organization and Assignment of Responsibilities."
4. Integration with the (County) EOP, (County) hazard mitigation plan, MEMP, etc.

- C. Community profile:

(Municipality) is located in the (geographical area) of (County). The community has a population of (number) residents. Approximately (percentage) of residents have been recognized as individuals with Access and Functional Needs. Many of the residents that require Functional Needs Support Services (FNSS) reside in congregate care centers, while others reside in non-group homes where support is provided as needed or on-call.

- D. Hazard and threat analysis:

According to the (County) (Hazard Mitigation Plan/Hazard Analysis), communities in the county are most vulnerable to: (common hazards). Areas within (Municipality) that are especially vulnerable to these hazards are: (locations). Additional hazards that have been identified as unique to (Municipality) include: (unique local hazards).

(Number) sites that contain extremely hazardous materials are located in (Municipality). Facility owners have reported the types of hazardous materials that are stored on-site, as required by the Emergency Planning and Community Right-To-Know Act (EPCRA). Pursuant to SARA Title III requirements, off-site emergency response plans have been developed by the Local Emergency Planning Committee (LEPC) to prepare fire departments for responding to the release of the specific hazardous materials on these sites.

- E. Relationship between municipality and County Emergency Management Program:

Emergency management and response are primarily local responsibilities. However, disasters and emergencies might exhaust the resources and capabilities of local governments. Therefore, (Municipality) has chosen to incorporate into the (County) Emergency Management Program. To coordinate emergency management related matters with the County Emergency Management Program, the (Municipality) has appointed the (title) to serve as the Emergency Management Liaison. The Emergency Management Liaison facilitates communication and coordination between (Municipality) and county, and is the local point of contact for the County Emergency Management Coordinator (EMC).

Planning Assumptions

- ~~A. The proper implementation of this plan will result in saved lives, incident stabilization, and property protection in (Municipality).~~
- B. Some incidents occur with enough warning that necessary notification can be issued to ensure the appropriate level of preparation. Other incidents occur with no advanced warning.
- C. Depending upon the severity and magnitude of the situation, local resources may not be adequate to deal with an incident. It may be necessary to request assistance through volunteer organizations, the private sector, mutual aid agreements (MAAs)/memorandums of understanding (MOUs), and/or county, state and federal sources. When provided, these will supplement, not substitute for, relief provided by local jurisdictions.
- D. All emergency response agencies within (Municipality) that have been tasked in the plan are considered to be available to respond to emergency incidents. Agencies will work to save lives, protect property, relieve human suffering, sustain survivors, stabilize the incident, repair essential facilities, restore services and protect the environment.
- E. When a jurisdiction receives a request to assist another jurisdiction, reasonable actions will be taken to provide the assistance as requested.
- F. Emergency planning is a work-in-progress; the Support EOP is consistently reviewed and updated.
- G. During an emergency or disaster, parts of the plan may need to be improvised or modified, if necessary, based on the situation.

Concept of Operations

- A. Activation of the Support EOP and declaration of a local state of emergency:

When a threat is perceived, the Emergency Management Liaison activates the this Support EOP and the local Emergency Operations Center (EOC) to facilitate activities that ensure the safety of people, property and environment. Pursuant to 1976 PA 390, as amended, the (CEO/other official designated by charter) may declare a local state of emergency for (Municipality) if circumstances indicate that the occurrence or threat of widespread or severe damage, injury, or loss of life or property exist. In the absence of the (CEO/other official designated by charter), pursuant to local legislation, the (title) is authorized to declare a local state of emergency. Upon a local declaration, PA 390 authorizes the the (Chief Executive Official/other official designated by charter) to issue directives as to travel restrictions on local roads. To facilitate activities that ensure the safety of people, property and environment, a local declaration also activates this Support EOP and the municipal Emergency Operations Center (EOC). A local state of emergency shall not be continued or renewed for a period in excess of seven days except with the consent of the governing body of the municipality.

- B. The following procedures are conducted and coordinated with the county in response to an incident:

1. The Emergency Management Liaison will perceive the threat, assess the hazard and ensure that municipal emergency response agencies, elected officials and County EMC are notified of the situation.
2. Municipal agencies assess the nature and scope of the emergency or disaster.
3. If the situation can be handled locally, the following guidelines are used:
 - a. The Emergency Management Liaison advises the CEO and coordinates all local emergency response actions.

- ~~b. The Emergency Management Liaison activates the EOC. The EOC is located at (address). If this location is unavailable, the alternate EOC location is (address).~~
 - c. The CEO declares a local state of emergency. The Emergency Management Liaison notifies the County EMC and forwards the declaration to the County Emergency Management Program.
 - d. Emergency Response Agencies are notified by the Emergency Management Liaison to report to the EOC through (identify notification system(s), e.g., telephone, smart messaging, etc.).
 - e. The CEO directs departments/agencies to respond to the emergency in accordance with the guidelines outlined in this plan and its annexes, and issues directives as to protective actions and travel restrictions on local roads.
 - f. The Emergency Management Liaison keeps the County EMC informed of the situation and actions taken.
4. If the emergency is beyond local control, municipal resources become exhausted, or special resources are needed, county assistance is requested through the County EMC.
 5. If county assistance is requested, the County EMC assesses the situation and makes recommendations on the type and level of assistance. The county will also take the following steps:
 - a. Activate County EOC and EOP
 - b. Respond with county resources
 - c. Activate MAA/MOUs to supplement county resources
 - d. Notify MSP/EMSHD District Coordinator
 - e. Make available incident information to MSP/EMSHD and statewide agencies via the Michigan Critical Incident Management System (MI CIMS) online platform, by submitting and maintaining applicable MI CIMS boards and logs.
 6. If county resources and capabilities are exhausted, the county requests the Governor to declare a State of Emergency or State of Disaster in accordance with procedures set forth in 1976 PA 390, as amended. If the emergency occurs solely within the confines of the municipality, the county shall not request state assistance or the Declaration of a State of Disaster or Emergency unless requested to do so by the municipal CEO.

Organization and Assignment of Responsibilities

A. Emergency Management Organization:

1. The (Municipality) emergency management organization is comprised of (number) agencies and departments that are responsible for conducting activities in response to emergencies within the community. To facilitate an effective emergency response, these departments have been assigned to nine specific emergency functions. All agencies are responsible for implementing pre-disaster activities to prevent, mitigate and prepare for the various hazards that the community is vulnerable to. These activities include awareness

~~training and public education, exercising, preparing Standard Operating Procedures (SOPs) and job aides, hygienic practices to prevent spreading of infectious diseases, stockpiling equipment, regulating land-use, etc.~~

2. The following table lists the established emergency support functions, assigned agencies, primary points of contact, and phone numbers.

Function	Agency	Primary Contact	Phone
Direction, Control , and Coordination			
Communications and Warning			
Damage Assessment			
Fire Services			
Mass Care, Emergency Assistance, Housing, and Human Services			
Public Health and Medical Services			
Public Information			
Public Safety			
Public Works			

3. The following table lists the alternates designated to represent the emergency functions.

Agency	1 st Alternate	2 nd Alternate

4. (Municipality) maintains (number) fulltime departments. All departments contribute to the safety and welfare of the community. Each department employs qualified emergency

~~personnel and maintains equipment that can be used in emergency response.~~ A list of resources available for utilization during incidents can be requested through the Emergency Management Liaison. If resource needs exceed the capabilities of the community, the CEO may activate MAA/MOUs and pre-disaster contracts, or it may become necessary to request county assistance.

B. Responsibilities:

1. The following responsibilities have been assigned to each organization that has been assigned responsibility in this plan:
 - a. Assist in the development, review and maintenance of Support EOP and County EOP.
 - b. Report to the local EOC when activated for scheduled exercises or emergencies.
 - c. Build capabilities and develop/maintain SOPs for specific functions or actions identified in the plan. Continuously review and update procedures.
 - d. Maintain a list of resources available through the departments.
 - e. Establish MAA/MOUs and contracts with other jurisdictions and organizations to supplement municipal resources.
 - f. Activate MAA/MOUs and contracts with other organizations to supplement response activities when local resources become exhausted.
 - g. Train personnel in emergency management functions and NIMS/ICS concepts.
 - h. Protect vital records and other resources deemed essential for continuing government functions and each agency's emergency operations in accordance to procedures and policies.
 - i. Ensure compliance with this plan and the County EOP, and any pertinent procedures and documents that impact the provision of emergency services in the municipality.
2. The annexes attached to this plan further describe nine emergency support functions and their associated responsibilities in mitigation, preparedness, prevention, response and recovery. Annexes include the organizations that are responsible for carrying out the emergency functions, and assign tasks associated with each function.

ANNEXES

The annexes attached to the Basic Plan describe all-hazard functions and include the roles and responsibilities that each responsible agency should consider during an emergency for which the Support EOP has been activated. Each annex contains: the agencies responsible for carrying out a function, their assigned tasks, and the concept of operations.

The annexes attached to this plan include the following functions:

Annex A, Direction, Control, and Coordination

Annex B, Damage Assessment

Annex C, Communications and Warning

Annex D, Fire Services

Annex E, Mass Care, Emergency Assistance, Housing, and Human Services

Annex F, Public Health and Medical Services

Annex G, Public Information

Annex H, Public Safety

Annex I, Public Works

ANNEX A**DIRECTION, CONTROL, AND COORDINATION**

The Direction, Control, and Coordination function is responsible for the activation, organization and operation of the local EOC, the facilitation of incident management, response, and recovery efforts, and coordination with the County Emergency Management Program.

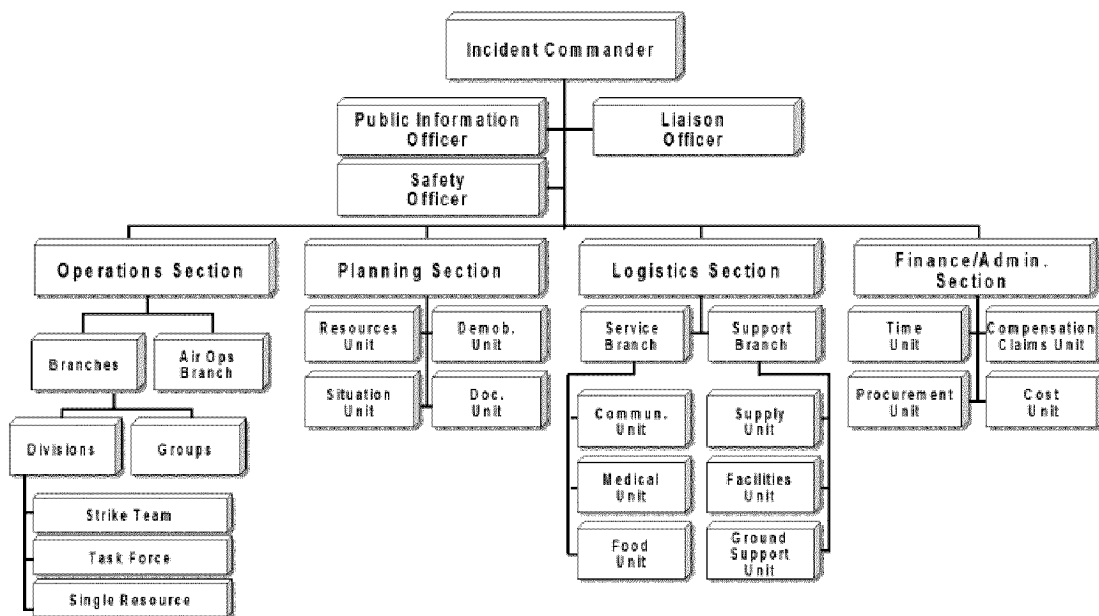
Direction, Control, and Coordination officials will maintain liaison and coordinate emergency management and response activities with the Direction, Control and Coordination function at the county level. This annex relates to the following annex(es) in the (County EOP/EAG): (Applicable county annexes or ESFs; e.g., Direction and Control Annex, ESF#5 – Information & Planning)

Responsible Agency: Executive Office

Direction, Control, and Coordination Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another representative from the agency to staff the EOC and implement the plan.
	EOC operations
	Activate the EOC and ensure that appropriate staff is notified.
	Establish a system of coordination, such as ICS (see Figure 1), within the EOC. (Field operations at the ICP are required to utilize ICS.)
	Maintain administrative materials for the EOC, i.e., pencils, paper, maps, and status boards.
	Ensure copies of the Support EOP and EOC SOPs are available to EOC staff.
	Coordinate with law enforcement officials for EOC security.
	Local authority
	Direct and coordinate response activities in accordance with this plan, including prioritizing allocation of scarce resources.
	Relieve jurisdiction employees of normal duties and temporarily reassign them to emergency duties, and employ temporary workers, as necessary.
	Declare a local state of emergency.
	Issue directives as to travel restrictions on municipal roads.
	Recommend appropriate protective measures to ensure the health and safety of people and property.
	Assistance to other agencies
	Advise the County Emergency Management Coordinator of the situation and maintain liaison with the County Emergency Management Program.
	Establish communications with and provide support to the Incident Command Post (ICP).
	Provide frequent staff briefings and ensure all groups function as planned.
	Inform legislative body of measures taken.
	Review and authorize the release of information to the public through the Public Information Officer (PIO).
	Logistics
	Ensure all resources are made available for response.
	Formulate specific assistance requests to adjacent jurisdictions and the county.
	Activate MAA/MOUs and contracts with other jurisdictions and organizations.
	Provide aid to other communities as provided for in MAA/MOUs.
	Ensure staff maintains logs of actions taken and financial records.

Figure 1. ICS Incident Management Structure



DIRECTION, CONTROL, AND COORDINATION

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT

The line of succession for the CEO for representing the Direction, Control, and Coordination function during a response to an emergency or disaster situation is:

TITLE	AGENCY

The line of succession for the Emergency Management Liaison for representing the Direction, Control, and Coordination function during a response to an emergency or disaster situation is:

TITLE	AGENCY

The CEO and Emergency Management Liaison are responsible for reporting or delegating an individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Direction, Control, and Coordination function.

SIGNATURE OF CHIEF EXECUTIVE OFFICIAL	DATE

SIGNATURE OF EMERGENCY MANAGEMENT LIAISON	DATE

ANNEX B**COMMUNICATIONS AND WARNING**

The Communications and Warning function is responsible for alerting and notification of key officials, receiving and disseminating warning and critical emergency information to the public, and the establishment, maintenance, and coordination of communication protocols and links between the EOC and other incident facilities.

The Communications and Warning Official will maintain liaison and coordinate emergency management and response activities with the Communications and Warning functions at the county level. This annex relates to the following annex(es) in the (County EOP/EAG): (Applicable county annexes or ESFs; e.g., Communications Annex and Warning Annex, ESF#2 – Communications and ESF#15 – External Affairs)

Responsible Agency: (e.g., 911 Dispatch Center, IT Department)

Communications and Warning Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another representative from the agency to staff the EOC and implement the plan.
	Communication links
	Ensure lines of communication have been established between all agencies represented in the local EOC, their department offices and their staff at the incident site. Available channels for establishing communications includes <u>(communications channels, e.g. telephone, cell phone, radios, pagers, etc.)</u>
	Coordinate communications between municipal and county EOC. Available channels for establishing communications include <u>(communications channels, e.g. telephone, cell phone, radios, pagers, etc.)</u>
	Establish communications links with the adjacent communities and higher levels of government.
	Coordinate warning frequencies and procedures with adjacent communities and other government agencies.
	Disaster warning and information
	Activate public warning systems when instructed to do so by the CEO or Emergency Management Liaison. Warning methods include <u>(warning methods, e.g., sirens, door-to-door notification, reverse 911, etc.)</u>
	Ensure that warning messages received through the Law Enforcement Information Network (LEIN), National Warning System (NAWAS), Emergency Alert System (EAS), local weather spotters, or other verifiable means are issued in a timely manner.
	Determine which facilities are endangered by the incident and contact those facilities. Ensure they are contacted when protective actions are rescinded.
	Notify special locations (e.g., schools, hospitals, nursing homes, major industries, institutions, and places of public assembly).
	Ensure that public warning systems provide notification to residents with Access and Functional Needs, such as the elderly, hearing impaired, non-English speakers, individuals with mobility limitations, etc.
	Official notification
	Ensure that all necessary officials have been notified and/or updated about the incident.
	Notify neighboring jurisdictions of impending hazard or hazardous situations when instructed to do so by the Chief Executive Official or Emergency Management Liaison.

COMMUNICATIONS AND WARNING

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT

The line of succession for representing the Communications and Warning function during a response to an emergency or disaster situation is:

TITLE	AGENCY

(Title of individual or responsible department) is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Communications and Warning function.

SIGNATURE OF COMMUNICATIONS AND WARNING OFFICIAL	DATE

ANNEX C**DAMAGE ASSESSMENT**

The Damage Assessment (DA) function is concerned with the process of documenting damage from emergencies in the community. Information gathered may be used to determine the extent of damage and impact on the community resulting from an incident to justify future federal funding, declarations of emergency, and disaster proclamations. An accurate damage assessment is a necessary part of the recovery phase and determines qualification for state and federal disaster aid.

The Damage Assessment Official will maintain liaison and coordinate emergency management and response activities with the DA function at the county level. This annex relates to the following annex(es) in the (County EOP/EAG): (Applicable county annexes or ESFs; e.g., Damage Assessment Annex, ESF#5 – Information & Planning and ESF#14 – Long-Term Community Recovery)

Responsible Agency: (e.g., Assessing Office, Building Department)

Damage Assessment Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another from the agency to staff the EOC and implement the plan.
	Damage assessment
	Maintain current list of DA field team members.
	Maintain damage assessment field team supplies for contingency purposes, i.e., MSP/EMSHD Pub 901 Michigan Damage Assessment Handbook, blank forms, flashlights, cameras, pencils, paper, maps, etc.
	Activate DA field teams.
	Collect both public and private damage assessment information.
	Record initial information on damages from first responders.
	Augment DA field teams, as the situation dictates.
	Dissemination of DA information
	Provide an initial DA to EOC staff.
	Provide and verify DA information to the CEO and, if necessary, assist in preparation of a local state of emergency declaration.
	Prominently display DA information in the EOC, including maps, situation updates and assessment data.
	Provide the PIO with current DA information for release to the public.
	Provide DA data to the Emergency Management Liaison. The Emergency Management Liaison will forward information to the County Emergency Management Program for submission in MI CIMS.
	Logistics
	Maintain a status list of requested resources.
	Compile and maintain a record of expenditures for personnel, equipment, supplies, etc.

DAMAGE ASSESSMENT

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT

The line of succession for representing the DA function during a response to an emergency or disaster situation is:

TITLE	AGENCY

(Title of individual or responsible department) is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the DA function.

SIGNATURE OF DAMAGE ASSESSMENT OFFICIAL	DATE

ANNEX D**FIRE SERVICES**

The Fire Services function is concerned with detecting and suppressing wild land, rural, and urban fires and any of these that result from, or occur coincidentally with, an incident response.

The Fire Services Official will maintain liaison and coordinate emergency management and response activities with the Fire Services function at the county level. This annex relates to the following annex(es) in the (County EOP/EAG): (Applicable county annexes or ESFs; e.g., Fire Annex, ESF#4 – Firefighting and ESF#9 – Search and Rescue, etc.)

Responsible Agency: (e.g., Fire Department)

Fire Services Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another representative from the agency to staff the EOC and implement the plan.
	Response activities
	Coordinate fire response and search and rescue activities with appropriate personnel at the County Emergency Management Program, including assistance to regional special teams such as Regional Response Teams, Michigan Urban Search and Rescue (MUSAR), bomb squads, etc.
	Respond to hazardous materials spills.
	Coordinate with the County EMC and the State of Michigan in the decontamination of affected citizens and emergency workers after exposure to CBRNE hazards.
	Assist in searching for bombs and explosive devices in connection with terrorism or weapons of mass destruction (WMD) events.
	Assistance to other agencies
	Advise EOC staff about fire and rescue activities.
	Provide communications and other logistical supplies, as needed.
	Assist with evacuations.
	Assist in damage assessment operations.
	Assist in warning the population. Loud speakers on fire vehicles or door-to-door warning may be utilized.
	Assist in salvage operations and debris clearance.

FIRE SERVICES

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT

The line of succession for representing the Fire Services function during a response to an emergency or disaster situation is:

TITLE	AGENCY

(Title of individual or responsible department) is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Fire Services Functions.

SIGNATURE OF FIRE SERVICES OFFICIAL	DATE

ANNEX E**MASS CARE, EMERGENCY ASSISTANCE, HOUSING, AND HUMAN SERVICES**

This function is concerned with issues related to the provision of mass care, emergency assistance, housing, and human services to disaster survivors, including those that require FNSS, throughout the prevention, preparedness, mitigation, response, and recovery phases of disasters and emergencies.

The Mass Care, Emergency Assistance, Housing, and Human Services Official will maintain liaison and coordinate emergency management and response activities with the Mass Care functions at the county level. This annex relates to the following annex(es) in the (County EOP/EAG): (Applicable county annexes or ESFs; e.g., Human Services Annex, ESF#2 – Communications and ESF#6 – Mass Care, Emergency Assistance, Housing, and Human Services)

Responsible Agency: (e.g., Recreation Department, Housing Office)

Mass Care, Emergency Assistance, Housing, and Human Services Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another representative from the agency to staff the EOC and implement the plan.
	Disaster-related needs
	Coordinate activities of municipal departments that provide mass care and human services.
	Coordinate with the County Emergency Management Program, the American Red Cross (ARC) and other agencies to distribute food, water, and clothing, and meet other basic needs of disaster survivors and emergency responders.
	Coordinate to provide transportation for disaster survivors and emergency responders.
	Arrange for the provision of crisis counseling to disaster survivors and emergency responders.
	Coordinate procedures for the tracking of family members and reunification of families.
	Identify and account for personal property that may be lost during a disaster.
	Coordinate with the County EOC to establish procedures for the registration and management of volunteers and donations.
	Coordinate with agencies in the community that work with individuals with access and functional needs to ensure disaster related needs are met.
	Protective action
	Coordinate the provision of transportation for evacuation.
	Provide staff and resources to manage open shelters.
	Coordinate care for individuals at shelters and for those who have been sheltered-in-place.
	Determine whether shelters must be opened long or short-term.
	Provide guidance/policies for the care of household pets that are brought to shelters by evacuees (only service animals are allowed into ARC shelters).
	Pre-identified shelter locations include: <u>(shelter locations; information on pre-identified shelter locations should be available from the County Emergency Management Program or ARC)</u>

~~MASS CARE, EMERGENCY ASSISTANCE, HOUSING, AND HUMAN SERVICES~~

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT

The line of succession for representing the Mass Care, Emergency Assistance, Housing, and Human Services function during a response to an emergency or disaster situation is:

TITLE	AGENCY

(Title of individual or responsible department) is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Mass Care, Emergency Assistance, Housing, and Human Services function.

SIGNATURE OF MASS CARE, EMERGENCY ASSISTANCE, HOUSING, AND HUMAN SERVICES OFFICIAL	DATE

ANNEX F**PUBLIC HEALTH AND MEDICAL SERVICES**

The Public Health and Medical Services function is responsible for assessing public health and medical needs, health surveillance, and provision of medical care personnel, supplies and equipment.

The Public Health and Medical Services Official will maintain liaison and coordinate emergency management and response activities with the Public Health and Medical Services function at the county level. This annex relates to the following annex(es) in the (County EOP/EAG): (Applicable county annexes or ESFs; e.g., Emergency Medical Services Annex and Public Health Annex, ESF#8 – Public Health and Medical Services)

Responsible Agency: (e.g., Fire Department, EMS agency)

Public Health and Medical Services Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another representative from the agency to staff the EOC and implement the plan.
	Patient care
	Coordinate with medical providers and shelter managers to staff medical personnel at shelters.
	Identify the transportation resources and personnel needs to transport disaster survivors to temporary care centers.
	Provide transportation of patients and assist hospitals with transfer of patients.
	Ensure identification and notification of disaster survivors and emergency responders in need of crisis counseling and/or debriefing.
	Coordinate the monitoring of disaster survivors and emergency responders for exposure to chemical, radiological, or biological contaminants, and assist in their decontamination.
	Public health
	If necessary, identify a site for a temporary morgue. NOTE: The medical examiner is responsible for identifying the deceased. Law enforcement and EMS may provide additional support in collecting and transporting.
	Assist with animal and pet control and support the county Animal Control Unit in the quarantine and disposal of diseased animals.

PUBLIC HEALTH AND MEDICAL SERVICES

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT

The line of succession for representing the Public Health and Medical Services function during a response to an emergency or disaster situation is:

TITLE	AGENCY

(Title of individual or responsible department) is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Public Health and Medical Services function.

SIGNATURE OF HEALTH AND MEDICAL OFFICIAL	DATE

ANNEX G**PUBLIC INFORMATION**

The Public Information function ensures accurate, coordinated, timely, and accessible information is disseminated to governments, media, the general public, and the private sector throughout the prevention, preparedness, mitigation, response, and recovery phases of disasters and emergencies.

The Public Information Official will maintain liaison and coordinate emergency management and response activities with the Public Information function at the county level. This annex relates to the following annex(es) in the (County EOP/EAG): (Applicable county annexes or ESFs; e.g., Public Information Annex, ESF#15 – External Affairs)

Responsible Agency: (e.g., Executive Office)

Public Information Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another from the agency to staff the EOC and implement the plan.
	Pre-disaster public education
	Assist the Emergency Management Liaison in developing educational materials on the hazards facing the community and explaining what people can do to protect themselves to recover from incidents.
	Ensure that written materials are developed for non-English speaking individuals or others who require FNSS.
	Disaster warning and information
	Develop and release updated EAS messages based on incoming information.
	Document which EAS messages have been delivered over radio and television.
	Ensure that accurate information is disseminated describing such items as the locations of shelters, missing persons information hotline, volunteer hotline, rumor control hotline, etc.
	Distribute prepared public educational materials.
	Media coordination
	Establish and maintain contact with the EOC and/or the ICP.
	Prepare press releases and ensure that all press releases and official information is reviewed by <u>(positions that will review press releases, e.g. CEO, City/Township Manager, etc.)</u> .
	Verify that information is accurate before releasing it to the media.
	Schedule media briefings.
	Establish a Public Information Center as the central point from which municipal news releases are issued at <u>(location)</u> .
	Assist the county in establishing a Joint Information Center (JIC; the JIC can be used by agency representatives for releasing information to the news media).
	Coordinate public information activities with the County PIO and the JIC.
	Schedule interviews between the CEO and media agencies.
	Monitor all forms of media, both traditional and social, for rumors, and address rumors as soon as possible

PUBLIC INFORMATION

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT

The line of succession for representing the Public Information function during a response to an emergency or disaster situation is:

TITLE	AGENCY

(Title of individual or responsible department) is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Public Information function.

SIGNATURE OF PUBLIC INFORMATION OFFICIAL	DATE

ANNEX H**PUBLIC SAFETY**

The Public Safety function is concerned to ensuring the safety of all citizens, maintaining law and order, protecting public and private property and providing protection for essential industries, supplies and facilities.

The Public Safety Official will maintain liaison and coordinate emergency management and response activities with the Public Safety function at the county level. This annex relates to the following annex(es) in the (County EOP/EAG): (Applicable county annexes or ESFs; e.g., Law Enforcement Annex, ESF#13 – Public Safety and Security)

Responsible Agency: (e.g., Police Department)

Public Safety Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another from the agency to staff the EOC and implement the plan.
	Response activities
	Provide security and access control at critical facilities and incident sites.
	Implement any curfews ordered by the governor or CEO.
	Enforce evacuation orders and assist in evacuations.
	Ensure prisons and jails are notified of potential threat and determine whether proper safety and security precautions are being taken.
	Implement urban search and rescue capabilities, including animals.
	Investigate incident and provide intelligence information to county, state and federal officials.
	Transportation
	Secure unusable roads. (Use Fire Services and Public Works for support, if necessary).
	Identify routes that need barricades and signs. Request necessary assistance from Public Works.
	Ensure vehicles on evacuation routes are removed. If necessary, request that Public Works agencies move vehicles off the road. Maintain record of where vehicles are being taken.
	Coordinate with the Road Commission or Public Works in rerouting traffic and putting the appropriate signs in place.
	Assistance to other agencies
	Assist Warning function in warning the public, when necessary.
	Assist the medical examiner with mortuary services.
	Assist families isolated by the effects of the disaster.

PUBLIC SAFETY

The following agencies are responsible for this annex:

AGENCY	TITLE OF CONTACT

The line of succession for representing the Public Safety function during a response to an emergency or disaster situation is:

TITLE	AGENCY

(Title of individual or responsible department) is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Public Safety function.

SIGNATURE OF PUBLIC SAFETY OFFICIAL	DATE

ANNEX I**PUBLIC WORKS**

The Public Works function is responsible for conducting pre- and post-incident assessments, ensuring critical services are met through existing contracts, providing technical assistance and engineering expertise and construction management, providing emergency repair of damaged public infrastructure and critical facilities, and the clearing of debris from public roads.

The Public Works Official will maintain liaison and coordinate emergency management and response activities with the Public Works function at the county level. This annex relates to the following annex(es) in the (County EOP/EAG): (Applicable county annexes or ESFs; e.g., Public Works Annex, ESF#1 – Transportation, ESF#3 – Public Works and Engineering and ESF#12 – Energy)

Responsible Agency: (e.g., Public Works Department)

Public Works Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another from the agency to staff the EOC and implement the plan
	Response activities
	Coordinate debris removal activities.
	Coordinate activities designed to control the flow of floodwater.
	Damage assessment
	Provide engineering expertise to inspect public structures and determine if they are safe to use.
	Provide DA information for roads, bridges, buildings, infrastructure, etc. to DA function.
	Transportation
	Provide barricades and signs for road closures and boundary identification (to include activating MAA/MOUs if additional barricades are needed).
	Provide technical expertise in road weight limits, road capacity, etc., to determine whether evacuation routes are adequate for traffic flow.
	Notify law enforcement of the location(s) of disabled vehicles.
	Contact appropriate Michigan Department of Transportation (MDOT) and county transportation officials to request travel restrictions on state and county roads, if necessary.
	Assistance to other agencies
	Assist in identifying access control areas.
	Assist with urban search and rescue activities, if necessary.
	Maintain contact with local utilities to determine the extent and cause of damage and outages. Report this information and restoration schedules to EOC staff.
	Coordinate with utility companies in the restoration of essential services.
	Logistics
	Provide vehicles and personnel to transport essential goods, such as food and medical supplies, when directed by the EOC staff.
	In conjunction with public health, help identify sources of potable water.
	Assist in identifying and obtaining the appropriate construction equipment to support disaster response and recovery operations.
	Provide emergency generators and lighting.

PUBLIC WORKS

The following agencies are responsible for this annex:

AGENCY	TITLE OF CONTACT

The line of succession for representing the Public Works function during a response to an emergency or disaster situation is:

TITLE	AGENCY

(Title of individual or responsible department) is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Public Works function.

SIGNATURE OF PUBLIC WORKS OFFICIAL	DATE

From: Baird, Richard (GOV)
Sent: Thursday, December 10, 2015 1:35 PM
To: Chris De Witt
Subject: RE: Fwd: FWATF Proposal

Yes

Sent from my Verizon Wireless 4G LTE DROID

On Dec 10, 2015 12:35 PM, chris@dewitt-communications.com wrote:

Thanks. I have some questions on what you sent. Should I contact Capt. Kelenske?

Chris De Witt
De Witt Communications
P.O. Box 4952
East Lansing, MI 48826
517-339-1700 office

PPI cell

----- Original Message -----

Subject: Fwd: FWATF Proposal
From: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Date: Thu, December 10, 2015 11:28 am
To: Chris De Witt <chris@dewitt-communications.com>

Sent from my Verizon Wireless 4G LTE DROID

----- Forwarded message -----

From: "Kelenske, Chris (MSP)" <KelenskeC@michigan.gov>
Date: Dec 10, 2015 10:50 AM
Subject: FWATF Proposal
To: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Cc: "Etue, Kriste (MSP)" <EtueK@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Gorski, Gary (MSP)" <GorskiG@michigan.gov>

Rich

I have located \$25,000 to assist in paying for the FWATF communications needs. I would like added to the scope of work for them to update the Local Emergency Operations Support Plan (Pub 204) and train and exercise the plan with appropriate personnel. I attached the template we provide locals to use in developing the plan. Flint has a plan in place but with everything going on and based on interactions recently I am not convinced it is followed or if they even know about it. I am certain the new Mayor is not aware of the Local Support Plan.

Please let me know if you need additional on this or have questions.

Chris

Capt. Chris A. Kelenske

Deputy State Director/Commander

Emergency Management and Homeland Security Division

Michigan State Police

4000 Collins Road

Lansing, MI 48910

(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."

[cid:image001.png@01D06AF2.CCC978D0]<<http://www.mi.gov/mspiobs>>;

Subject: FW: RDS/GT/VB - KWA & DWSD (Water) Meeting
Location: Governor's SE MI Office

Start: Fri 4/19/2013 3:00 PM
End: Fri 4/19/2013 4:30 PM
Show Time As: Out of Office

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar

-----Original Appointment-----

From: Emmitt, Beth (GOV) **On Behalf Of** GovCalendar

Sent: Thursday, April 18, 2013 1:42 PM

To: GovCalendar; Hichez, Amy (Treasury); Muchmore, Dennis (GOV); Wisniewski, Wendy (GOV); Rustem, William (GOV); Brader, Valerie (GOV); Tedder, Greg (GOV)

Cc: Clayton, Stacie (GOV); Thelen, Mary Beth (DEQ)

Subject: RDS/GT/VB - KWA & DWSD (Water) Meeting

When: Friday, April 19, 2013 3:00 PM-4:30 PM (UTC-05:00) Eastern Time (US & Canada).

Where: Governor's SE MI Office



Host:  SClayton to dial in as Host

Attendees:

RDS/GT in person, Val Brader by phone

Mr. Orr by phone

Harvey Hollins by phone or in person

Attending from DWSD: Jim Fausone, Sue McComerick (Director), Nikki Bateson (CFO) Attending from Flint: Ed Kurtz (he is sending his attendee list over shortly)

Attending from Treasury: Andy Dillon

TO: Governor Snyder
CC: Dennis Muchmore, John Roberts, Harvey Hollins, Allison Scott

FROM: Bill Rustem

SUBJECT: Flint Water System

DATE: April 18, 2013

Governor, this information was compiled by the Department of Treasury.

Summary

In November 2012 the Department of Treasury commissioned the firm of Tucker, Young, Jackson & Tull, Inc. (TYJT) to analyze options for the City of Flint to either remain a customer of the Detroit Water & Sewer Department (DWSD) or to join the Karegnondi Water Authority (KWA) in Genesee County. The purpose of this study was to provide objective analyses to the State Treasurer and Flint's Emergency Financial Manager (EFM) in order to secure future potable drinking water for the City.

In December 2012, staff from TYJT met with representatives from the Department of Treasury and the City of Flint to provide a preliminary report on their findings. At this meeting, five options were presented: These options ranged from the Flint Water Plant providing 100% water, to 100% provision of untreated Lake Huron Water by KWA, to 100% provision of treated drinking water by DWSD, or provision of variable amounts of water from DWSD using a combination of blended DWSD water and Flint River water.

From the presentation of the preliminary report in December 2012 to the submission of the final report by TYJT in January 2013, a number of developments made arriving at a final decision very difficult.

- DWSD provided the City of Flint with at least two modified proposals to consider.
- A debate ensued between TYJT and KWA's principal engineering firm regarding the others' conclusions and estimates for construction of the KWA pipeline.
- The Flint EFM eliminated all options except the 100% DWSD option or joining KWA.

In January 2013, the Office of Financial Review (OFR) provided a comprehensive report to the State Treasurer analyzing three questions: 1) The projected construction costs and why Treasury believed the projections provided by Flint/KWA were acceptable; 2) Identification of the construction contingencies; and 3) Identification of the options Flint will utilize in the event of a construction cost overrun or a delay in construction. At the end of this report, the OFR recommended to the State Treasurer that KWA presented the best future option for future potable water. The OFR also concluded that KWA appeared to be the cheaper option; the quality of water would improve; Genesee County appeared willing to assist the City in securing the financing for their portion of the project; the KWA project could signify the beginning of better collaboration between the City of Flint and Genesee County; and the KWA project had both political and popular support.

Between January and April, intense scrutiny of the various proposals was undertaken by Treasury and Flint officials. Treasury officials met with officials from Genesee County to gain a better understanding of the KWA project. In February 2013, Genesee County opened bids for construction of the Lake Huron intakes. This bid opening represented the first meaningful step toward commencing construction of the KWA system. The bid was \$3-million less than projected.

In March 2013, Treasury was notified that DWSD had contacted Flint to negotiate with the City to retain them as a customer. On April 12, 2013, the State Treasurer authorized the Flint EFM to join KWA, pending review of any final offer from DWSD. A final offer was received from DWSD on April 15, 2013.

DWSD's final offer provided two options. The first option was for a "supply only" rate schedule. Only water treatment costs would be recovered and DWSD would absorb all other delivery costs. Capital and operating revenue charges would be calculated based upon KWA's usage relative to the entire demand upon DWSD's Lake Huron WTP. KWA would also have the ability to construct and own its own transmission lines.

The second option was a "full service" rate option. DWSD would provide all production and transmission services. Transmission rates would be calculated only on those costs necessary to supply KWA and no additional transmission rates would be charged. Capital and operating revenue charges would be calculated based upon KWA's usage relative to the entire demand upon the Lake Huron WTP.

Independent analyses of DWSD's final offer by the OFR, the Flint EFM, and the Department of Environmental Quality (DEQ) generally reached the same conclusions:

- DWSD's offer was a framework subject to negotiations and was not a firm offer.
- The offer provided by DWSD was incomplete.
- DWSD's offer did not include a guaranteed rate beyond year one, nor did it limit maximum annual rate increases.
- The DWSD scenarios were based on 40 MGD of service capacity. However, the KWA project provides 60 MGD of initial capacity with potential expansion to 75 MGD.
- DWSD indicates that Flint/ Genesee County would be given "broadened representation," it is unclear exactly what this means in terms of actual control in the decision making processes.
- The DWSD offer relies on a single transmission system and would require the City of Flint to maintain its WTP for emergency purposes. In addition, it would leave Genesee County without an adequate backup supply to meet their needs.
- DWSD's offer included an attachment that listed the rank-ordered options (from cheapest to most expensive). DWSD Scenario 2 is listed as the least expensive option (but it is unclear how the total cost of this option was arrived at). DWSD Scenario 1 was not listed.
- DWSD provided a summary table of their unit costs but how these figures are arrived at was not clear, so analysis proved difficult.

Without specific details from DWSD on this proposal, a true comparative analysis is difficult to provide. As such the Flint EFM rejected the DWSD proposal and agreed to join KWA.

If further information on this issue is needed, please let me know.

From: Ellison, Melanie (GOV)
Sent: Thursday, April 18, 2013 4:20 PM
To: Tedder, Greg (GOV); Brader, Valerie (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Larkin, Brian (GOV)
Cc: Rustem, William (GOV); Hall, Jean (GOV)
Subject: Flint Water System
Attachments: Memo Flint Water System 130418 (3).pdf

Team:

Attached is a memo from Bill Rustem regarding the Flint Water System. Because there are outside departments included on the calendar appointment, this will only be in the Governor's briefing tonight so we wanted to make sure you had it as well.

Please let me know if you have any questions.

Thanks,

Melanie Ellison
Office of Governor Rick Snyder
O: 517-373-0504

TO: Governor Snyder
CC: Dennis Muchmore, John Roberts, Harvey Hollins, Allison Scott

FROM: Bill Rustem

SUBJECT: Flint Water System

DATE: April 18, 2013

Governor, this information was compiled by the Department of Treasury.

Summary

In November 2012 the Department of Treasury commissioned the firm of Tucker, Young, Jackson & Tull, Inc. (TYJT) to analyze options for the City of Flint to either remain a customer of the Detroit Water & Sewer Department (DWSD) or to join the Karegnondi Water Authority (KWA) in Genesee County. The purpose of this study was to provide objective analyses to the State Treasurer and Flint's Emergency Financial Manager (EFM) in order to secure future potable drinking water for the City.

In December 2012, staff from TYJT met with representatives from the Department of Treasury and the City of Flint to provide a preliminary report on their findings. At this meeting, five options were presented: These options ranged from the Flint Water Plant providing 100% water, to 100% provision of untreated Lake Huron Water by KWA, to 100% provision of treated drinking water by DWSD, or provision of variable amounts of water from DWSD using a combination of blended DWSD water and Flint River water.

From the presentation of the preliminary report in December 2012 to the submission of the final report by TYJT in January 2013, a number of developments made arriving at a final decision very difficult.

- DWSD provided the City of Flint with at least two modified proposals to consider.
- A debate ensued between TYJT and KWA's principal engineering firm regarding the others' conclusions and estimates for construction of the KWA pipeline.
- The Flint EFM eliminated all options except the 100% DWSD option or joining KWA.

In January 2013, the Office of Financial Review (OFR) provided a comprehensive report to the State Treasurer analyzing three questions: 1) The projected construction costs and why Treasury believed the projections provided by Flint/KWA were acceptable; 2) Identification of the construction contingencies; and 3) Identification of the options Flint will utilize in the event of a construction cost overrun or a delay in construction. At the end of this report, the OFR recommended to the State Treasurer that KWA presented the best future option for future potable water. The OFR also concluded that KWA appeared to be the cheaper option; the quality of water would improve; Genesee County appeared willing to assist the City in securing the financing for their portion of the project; the KWA project could signify the beginning of better collaboration between the City of Flint and Genesee County; and the KWA project had both political and popular support.

Between January and April, intense scrutiny of the various proposals was undertaken by Treasury and Flint officials. Treasury officials met with officials from Genesee County to gain a better understanding of the KWA project. In February 2013, Genesee County opened bids for construction of the Lake Huron intakes. This bid opening represented the first meaningful step toward commencing construction of the KWA system. The bid was \$3-million less than projected.

In March 2013, Treasury was notified that DWSD had contacted Flint to negotiate with the City to retain them as a customer. On April 12, 2013, the State Treasurer authorized the Flint EFM to join KWA, pending review of any final offer from DWSD. A final offer was received from DWSD on April 15, 2013.

DWSD's final offer provided two options. The first option was for a "supply only" rate schedule. Only water treatment costs would be recovered and DWSD would absorb all other delivery costs. Capital and operating revenue charges would be calculated based upon KWA's usage relative to the entire demand upon DWSD's Lake Huron WTP. KWA would also have the ability to construct and own its own transmission lines.

The second option was a "full service" rate option. DWSD would provide all production and transmission services. Transmission rates would be calculated only on those costs necessary to supply KWA and no additional transmission rates would be charged. Capital and operating revenue charges would be calculated based upon KWA's usage relative to the entire demand upon the Lake Huron WTP.

Independent analyses of DWSD's final offer by the OFR, the Flint EFM, and the Department of Environmental Quality (DEQ) generally reached the same conclusions:

- DWSD's offer was a framework subject to negotiations and was not a firm offer.
- The offer provided by DWSD was incomplete.
- DWSD's offer did not include a guaranteed rate beyond year one, nor did it limit maximum annual rate increases.
- The DWSD scenarios were based on 40 MGD of service capacity. However, the KWA project provides 60 MGD of initial capacity with potential expansion to 75 MGD.
- DWSD indicates that Flint/ Genesee County would be given "broadened representation," it is unclear exactly what this means in terms of actual control in the decision making processes.
- The DWSD offer relies on a single transmission system and would require the City of Flint to maintain its WTP for emergency purposes. In addition, it would leave Genesee County without an adequate backup supply to meet their needs.
- DWSD's offer included an attachment that listed the rank-ordered options (from cheapest to most expensive). DWSD Scenario 2 is listed as the least expensive option (but it is unclear how the total cost of this option was arrived at). DWSD Scenario 1 was not listed.
- DWSD provided a summary table of their unit costs but how these figures are arrived at was not clear, so analysis proved difficult.

Without specific details from DWSD on this proposal, a true comparative analysis is difficult to provide. As such the Flint EFM rejected the DWSD proposal and agreed to join KWA.

If further information on this issue is needed, please let me know.



CITY OF DETROIT
WATER AND SEWERAGE DEPARTMENT
WATER BOARD BUILDING

735 RANDOLPH STREET
DETROIT, MICHIGAN 48226-2830
PHONE 313 • 224 • 4800/224 • 4801
FAX 313 • 224 • 6067

June 10, 1994

To: DWSD Wholesale Customers

RE: EXECUTIVE SUMMARY OF DETROIT'S CORROSION CONTROL STUDY

Enclosed is a copy of the Executive Summary prepared by our consultant, Tucker, Young, Jackson & Hull, detailing work to date on the Corrosion Control Study performed for Detroit and Detroit's wholesale customers.

The EPA required large utilities to test water samples in highest risk homes for lead and copper content in 1992 to determine if the action levels of 15 micrograms per liter and 1.3 milligrams per liter respectively were exceeded. Detroit complied with this requirement and determined that the action level for lead was exceeded in many communities. Therefore, DWSD conducted and continues to conduct a public education program designed to inform consumers how to reduce their exposure to lead.

The EPA further required large water suppliers to determine if their lead could be less corrosive and, if so, the utility was mandated by the Lead and Copper Rule to determine ways the water could be made less corrosive and report their recommendations to the primary agency. For DWSD, the primary agency is the Michigan Department of Public Health (MDPH).

After several years of study, DWSD is forwarding the complete study findings to the MDPH for their consideration. It was concluded that DWSD could reduce the corrosivity of the water in the most cost effective and efficient manner by the addition of ortho-phosphate, specifically in the form of phosphoric acid. The Executive Summary of these findings is being forwarded to you for your information. The MDPH has until the end of December 1994 to consider DWSD's recommendation. In the interim, DWSD plans on conducting a demonstration test of the corrosion control treatment in our distribution system to further assist the MDPH and to further safeguard public health.

Very truly yours,

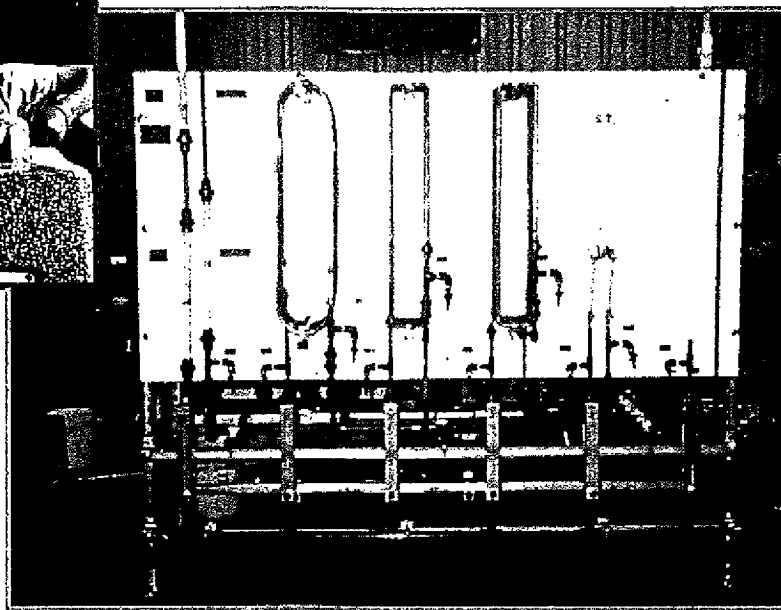
Judith Huddleston for
Irving M. Schuraytz, P.E.
Assistant Director, Water Supply Operations
Kathleen Leavey
Kathleen Leavey
Deputy Director

KL/IMS/JH/cs

DENNIS W. ARCHER, MAYOR

Executive Summary

Lead and Copper Corrosion Control Optimization Study



prepared by

**Tucker, Young, Jackson, Tull, Inc., in association with
CH2M HILL, INC., and Economic and Engineering Services, Inc.**

May 1994



Detroit Water and Sewerage Department

Introduction

As a result of the Safe Drinking Water Act (SDWA) Amendments of 1986, the U.S. Environmental Protection Agency (EPA) published final drinking water regulations for lead and copper in the June 7, 1991, *Federal Register*. Those regulations, known as the Lead and Copper Rule (LCR), require:

- Tap water monitoring, which is a new approach for water utilities
- Treatment optimization for lead and copper corrosion control
- Public education and lead service line removal if utilities exceed preset lead or copper levels

Large utilities, serving populations greater than 50,000, are required to conduct corrosion control studies to demonstrate that they are either already providing optimal treatment or to determine optimal treatment for their system.

DWSD made necessary public notices and embarked on studies to develop optimal treatment solutions.

In response to the regulations, the Detroit Water and Sewerage Department (DWSD) conducted two rounds of monitoring at home water taps for lead and copper and throughout the distribution systems for other water quality parameters. Monitoring was a cooperative effort between the DWSD, wholesale water customers, and the Michigan Department of Public Health (MDPH). Copper levels were well below EPA limits. Lead levels, however, exceeded EPA action levels

(ALs) and DWSD made necessary public notices and embarked on studies to develop optimal treatment solutions.

Lead exposure sources for humans include air, food, dust, paint, and drinking water. Elevated lead levels in blood have been associated with adverse health effects in humans. Federal health authorities have many programs to reduce lead exposure including low-lead gasoline and reduced lead content in paint. Although drinking water may not be the major source of lead, reducing lead levels in drinking water will have a positive health benefit. An additional benefit of corrosion control is prolonged life for water distribution pipes and home plumbing. This results in lower costs for water utilities and their customers.

In March 1992, the DWSD contracted with Tucker, Young, Jackson, Tull, Inc. (TYJT), in association with CH2M HILL, INC., and Economic and Engineering Services, Inc. (EES), to perform a lead and copper corrosion control study. The purpose of the study was to determine the optimal approach for reducing lead and copper concentrations in DWSD drinking water without adversely affecting other water quality characteristics. Major tasks in this study were to:

- Evaluate existing water quality data, existing distribution system pipe materials and the results of lead and copper sampling
- Identify and analyze feasible and practical treatment methods to reduce lead and copper corrosion (desktop analysis)
- Design and construct a pipe-loop testing apparatus to evaluate treatment alternatives identified in the desktop analysis

- Operate the pipe loops for 1 year to evaluate selected corrosion control treatments on different pipe materials
- Evaluate the effectiveness and feasibility of the tested treatment alternatives in reducing lead and copper concentrations
- Recommend an optimum lead corrosion control treatment
- Develop an implementation plan for full-scale corrosion control facilities

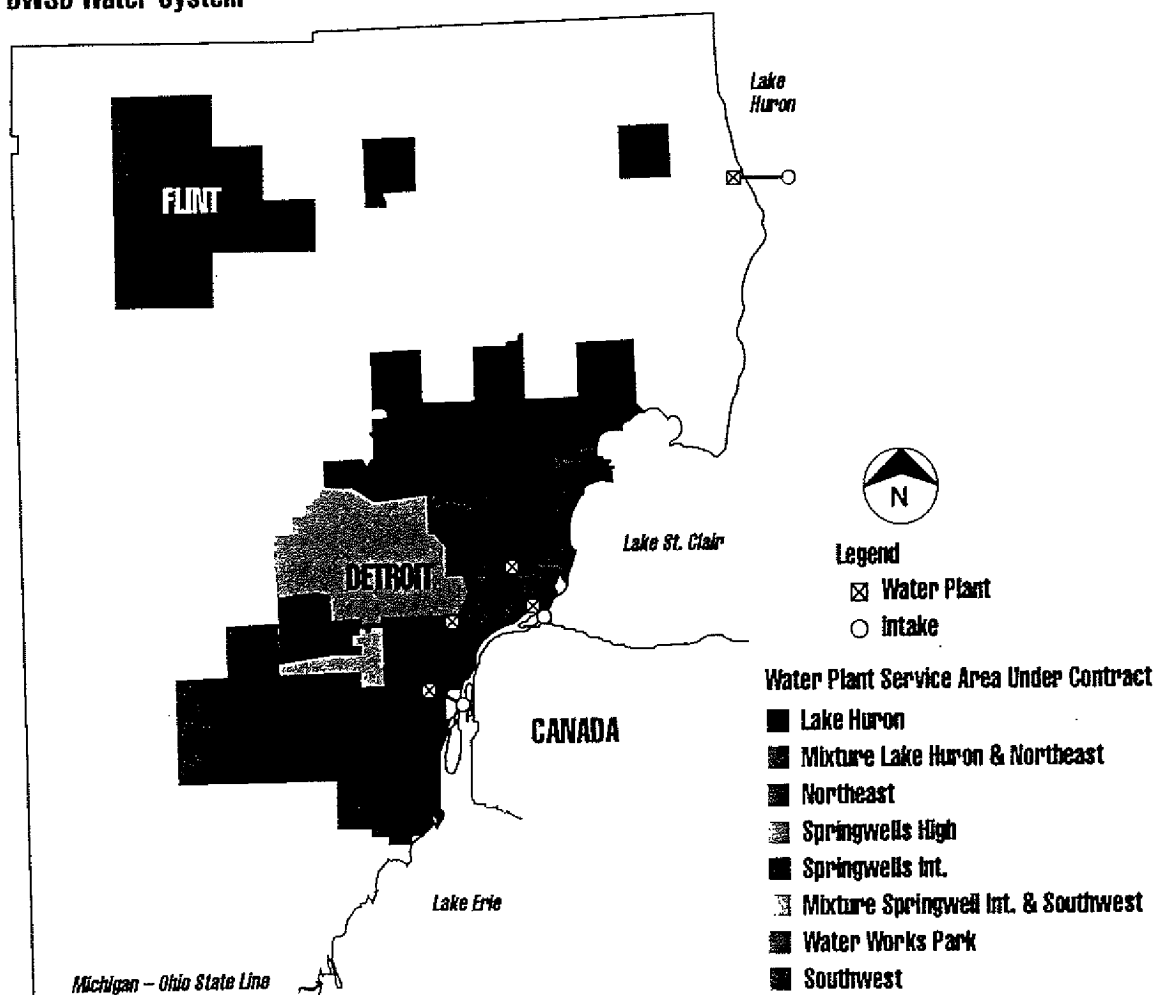
This report presents the results of the DWSD Lead and Copper Corrosion Control Optimization Study.

Existing Conditions

The DWSD obtains water from three intakes. Two of these, the Belle Isle and the Fighting Island Intakes, take water from the Detroit River. The third intake is on Lake Huron. Water is treated at five water treatment plants (WTPs) including the Water Works Park, Southwest, Springwells, Northeast, and Lake Huron WTPs. The water system is shown in Figure ES-1. Treated water from the 5 WTPs is distributed to the City of Detroit and 119 wholesale water customer systems. The DWSD water system serves about 4 million people.

Water leaving the WTPs is of good quality and considered moderately

Figure ES-1
DWSD Water System



corrosive. For example, pH from the five WTPs averages 7.4, alkalinity averages 76 mg/L (CaCO_3), and hardness averages 100 mg/L (CaCO_3). Nevertheless, some increase in lead and copper is resulting from the corrosive action of the water, primarily on service pipe and household plumbing. The main sources of lead are 50:50 lead/tin solder, brass containing lead used in faucets, and lead service lines and plumbing.

The regulation lead AL is 0.015 mg/L at the 90th percentile in home water taps. During the LCR Compliance Monitoring conducted in 1992, DWSD's 90th percentile lead concentration was 0.017 mg/L in the first round and 0.023 mg/L in the second round of sampling (Figure ES-2). Looking at the data in a slightly different manner, 35 to 37 percent of the 119 purveyor water systems exceeded the AL for lead.

For copper, the 90th percentile concentrations were 0.34 and 0.19 mg/L for two rounds of sampling—well below the copper AL of 1.3 mg/L (Figure ES-3). Lead uptake, therefore, is the major concern within the DWSD water system.

Determining the optimal lead control treatment is essential; it is the objective of conducting this corrosion control study. Further, there are an estimated 200,000 lead service lines (LSLs) in DWSD's direct service area and possibly more in areas served by wholesale customers. After corrosion treatment is optimized, the possibility exists that lead ALs may still be over 0.015 mg/L at the 90th percentile. Should this occur, the DWSD would need to embark on a removal program for LSLs, which could cost between \$300 and \$800 million.

Desktop Analysis

To reduce the number of chemicals for long-term testing, a screening analysis was performed using desktop techniques recommended by U.S. EPA. Lead corrosion control treatment methods examined for their applicability to DWSD are as follows:

- Polyphosphates
- Orthophosphates
- Zinc orthophosphate
- Polyphosphate/orthophosphate blends
- Silicates
- pH adjustment
- Alkalinity adjustment
- Calcium adjustment

The main criteria for selecting a lead corrosion control method is performance for lead uptake reduction. Lead corrosion control methods were also evaluated

Figure ES-2
LCR Compliance Monitoring Results for Lead

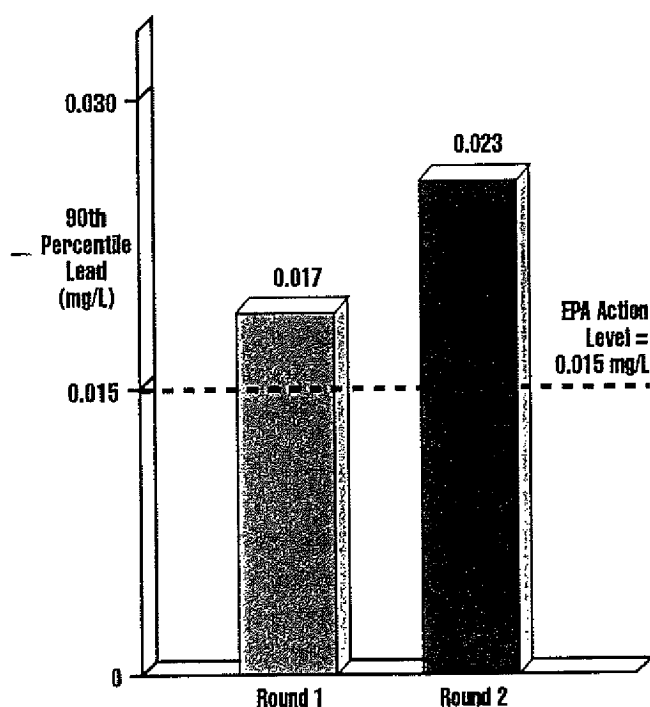
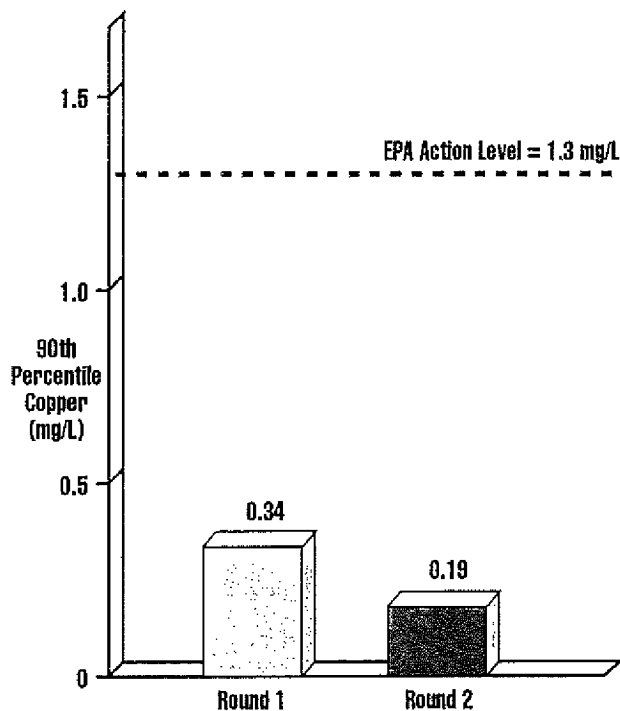


Figure ES-3
LCR Compliance Monitoring Results for Copper



based on effects on other drinking water regulations, industrial water users, wastewater treatment, water quality, water treatment operations, consecutive water systems, and multiple sources of supply and treatment.

Based on this evaluation, the following chemical treatments were eliminated from consideration for pipe-loop testing.

- **Polyphosphates.** These products are primarily used to sequester iron, calcium, and manganese and may actually do more to promote lead corrosion than to prevent it.
- **Polyphosphate/Orthophosphate Blends.** These products have not been proven to be more effective than orthophosphates alone for lead reduction, and their proprietary chemical composition makes selection of the optimum product difficult.

- **Silicates.** Sodium silicate inhibitors require a high dosage for lead control and, based on a survey of major industries, would have significant adverse effects on industrial water users.
- **Alkalinity Adjustment.** This technique would have marginal performance for lead reduction based on DWSD water quality and would be impractical for a system the size of DWSD.
- **Calcium Adjustment to Deposit a Calcium Carbonate Layer.** This technique is not a proven method for lead reduction, and would be difficult to produce a uniform layer throughout a distribution system the size of DWSD. Calcium carbonate deposition, however, can occur when pH is raised for lead reduction. This situation is addressed under the pH adjustment alternative.

Lead corrosion control treatment methods applicable for DWSD water are as follows:

- **Orthophosphates.** These products have been shown to be an effective means of lead reduction for water similar to that of the DWSD.
- **Zinc Orthophosphate.** These products are also a proven method of lead reduction, although there is concern about zinc in industrial water and wastewater.
- **pH adjustment.** This technique is also a proven method of reducing lead solubility, although higher pHs affect some industrial users and can increase calcium carbonate deposition.

A survey of 16 Great Lakes area water utilities using water of similar quality to that of DWSD demonstrated the effectiveness of orthophosphate, zinc orthophosphate, and pH adjustment in reducing lead concentrations at the consumers' taps. Those treatment methods, therefore, were retained for further testing in the pipe-loop apparatus.

Pipe-Loop Testing

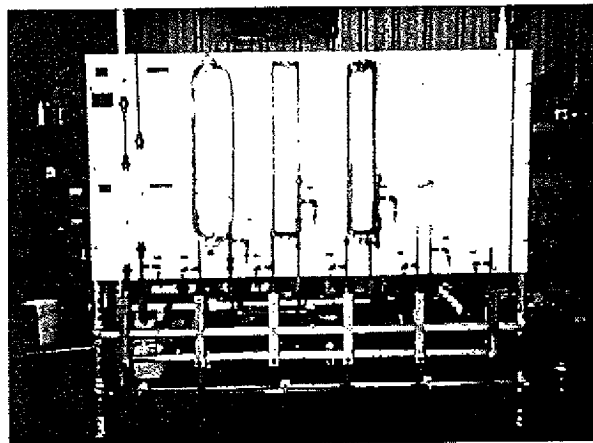
Based on the desktop analysis, it was concluded that the following treatments would be tested in the pipe loops:

- Adjusting pH to 8.1 using sodium hydroxide
- Adjusting pH to 8.7 using sodium hydroxide
- Adding zinc orthophosphate at doses of 0.4 mg/L for zinc and phosphorous (as P)
- Adding orthophosphate using phosphoric acid at a dose of 0.4 mg/L as P

Pipe-loop testing produces information on the corrosion control treatment most likely to effectively reduce lead levels.

It is important to understand that pipe-loop testing is conducted to provide information on the **relative effectiveness** of corrosion control treatments. The results cannot be used to predict actual lead levels that may occur at customers' taps in the water system. Pipe-loop testing, however, produces information on the corrosion control treatment most likely to effectively reduce lead levels and is an approved optimization technique.

Figure ES-4
Typical Testing Apparatus



A pilot-scale testing apparatus was designed and constructed to test each of the treatment techniques on different pipe materials. Five pipe-loop racks were constructed: one for each of the four methods and another for control (no treatment provided). Each pipe-loop rack included one new lead pipe loop, two identical copper pipe loops with lead soldered joints, one brass tester, and one section of old lead pipe. Three weight loss testers were also included for measuring corrosion rates of steel, galvanized steel, and copper. A typical testing apparatus is shown in Figure ES-4.

The pipe-loop facility was installed in the lower level of the Water Works Park High Service Pump Station and operated from January to November, 1993. After an initial period of passivation, water samples were collected on a weekly basis and analyzed for lead, copper, and zinc. The 1-liter water samples were taken after the water had been in contact with the pipe loop materials for 8 hours. This was done to represent the first-draw sampling required by the LCR. Additional sampling included daily monitoring for pH, chemical doses, and temperature. Disinfection

by-products (DBPs) and pipe insert weight loss were done quarterly. Flavor profile analyses to assess any changes in tastes or odors were run monthly.

Results of pilot testing indicated:

- The inhibitor treatments, zinc orthophosphate, and phosphoric acid are statistically better than the untreated control for both old and new lead piping (Figure ES-5).
- For lead solder and copper piping, the median lead levels were lowest in the water with inhibitors (zinc

orthophosphate and phosphoric acid), but only the phosphoric acid results were statistically better than the other loops (Figure ES-6).

- For brass, the results indicated that the treatments were no better than the control; however, lead levels were near the detection limit in the brass testers (Figure ES-6).
- Zinc orthophosphate and phosphoric acid were also found to be the most effective treatments in reducing copper (Figure ES-7).

Figure ES-5
Relative Lead Levels from Lead Pipe

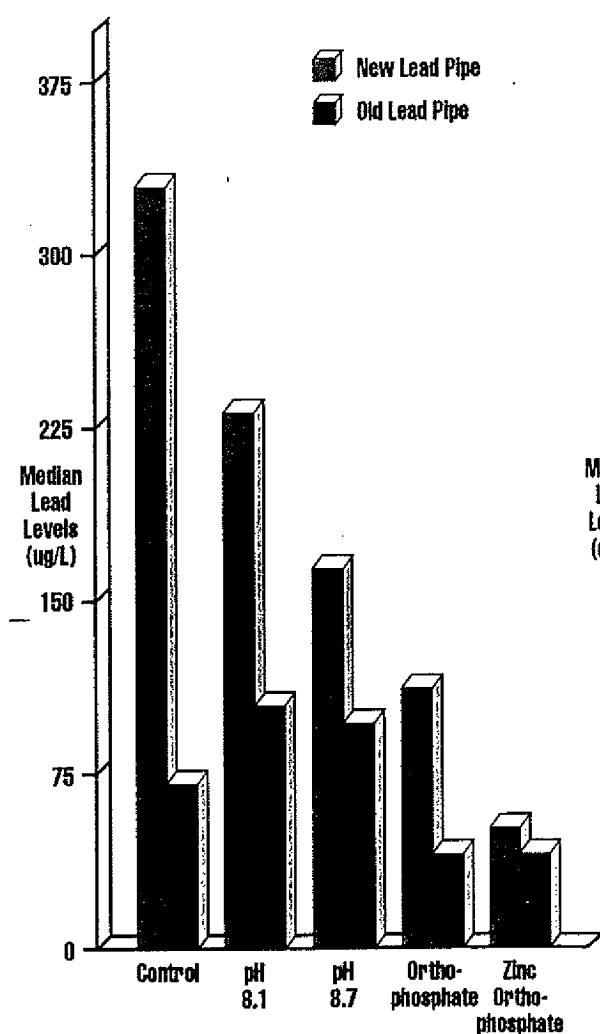


Figure ES-6
Relative Lead Levels from Soldered Copper and Brass

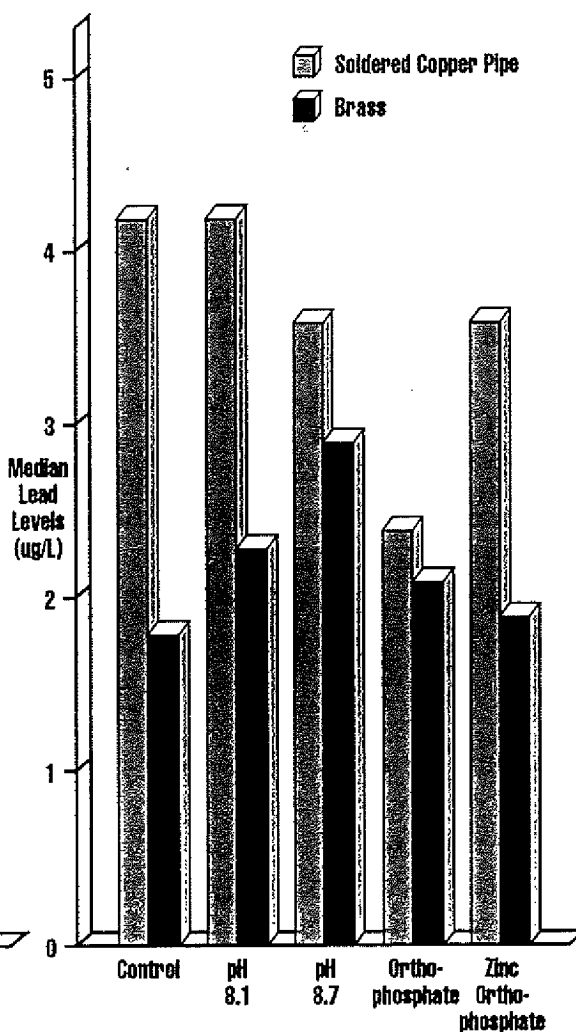
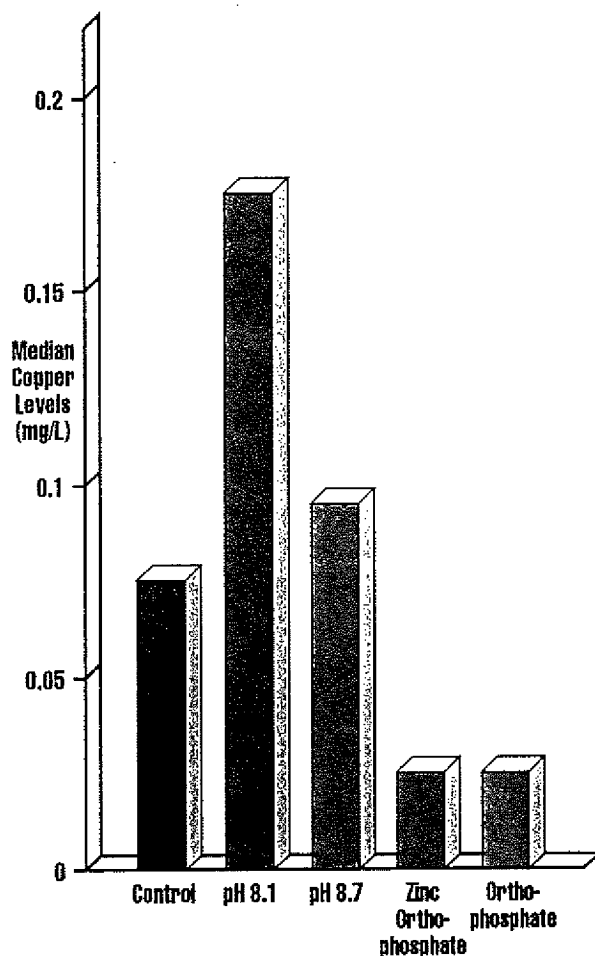


Figure ES-7
Relative Copper Levels from Copper Pipe



- DPBs were increased for the pH adjustment treatments as expected. The DBPs formed as a result of this increase, however, did not exceed EPA-proposed limits. The orthophosphate and zinc orthophosphate did not increase DBPs.
- None of the corrosion control treatments had an adverse effect on the taste and odor of the water produced.

Evaluating Corrosion Control Treatment

The four corrosion control treatments tested in the pipe loops were evaluated based on the following criteria:

- Performance for lead uptake reduction
- Feasibility of implementation within regulatory and functional constraints
- Reliability in terms of operational consistency and continuous corrosion control protection
- Cost

Pipe-loop data analyses indicated orthophosphate and zinc orthophosphate are most likely to yield the best results for lead reduction. pH adjustment was not as effective for lead control. Orthophosphate and zinc orthophosphate were effective at reducing copper levels.

A feasibility analysis indicated that industrial water users would be affected adversely by zinc or a higher water pH. Wastewater operations would be adversely affected by zinc and orthophosphates loadings. There were no major effects of corrosion control treatment on drinking water regulations. pH adjustment could, however, decrease disinfection effectiveness and increase DBP formation.

The reliability of zinc orthophosphate and sodium hydroxide chemicals is less than would be expected for orthophosphates. Zinc orthophosphate is a proprietary chemical with price and supply constraints. Sodium hydroxide availability and price depend on market conditions. Orthophosphate (phosphoric acid) is available as a generic chemical and is commonly used in the food and beverage

age industry; therefore, price and availability are more stable. From a WTP-operations standpoint, pH adjustment is less reliable because pH can change with raw water quality and treatment conditions.

The chemical cost of each treatment alternative is shown in Figure ES-8. Phosphoric acid addition is less than half the cost of pH adjustment to 8.1, the next lowest chemical cost. This represents an

average cost savings of about \$2,400 per day. Phosphoric acid could save the DWSD about \$10 million in present worth in the next 20 years compared to the next lowest cost alternative.

Selecting Corrosion Control Treatment

The relative ranking of alternatives for the four criteria (performance, feasibility, reliability, cost) is summarized in Figure ES-9. Values of 1 through 4 were assigned for each treatment alternative in each criteria category (1 was best; 4 worst). Because performance for lead reduction was the main criteria, it was given a weight of 2. Each of the other criteria was given a weight of 1.

Orthophosphates were ranked highest overall. Zinc orthophosphate was second, mainly because of its adverse effects on industry, wastewater plant operations, and higher costs. pH adjustment was ranked lowest because it is less effective for lead reduction, less reliable, and demonstrates more adverse effects on industry and drinking water regulatory compliance.

Orthophosphates were selected as the optimal treatment alternative for full-scale lead corrosion control.

Based on corrosion control theory, comparison with analogous water systems, and the extensive pilot plant studies, orthophosphates were selected as the optimal treatment alternative for full-scale lead corrosion control.

Figure ES-8
Treatment Alternatives Costs

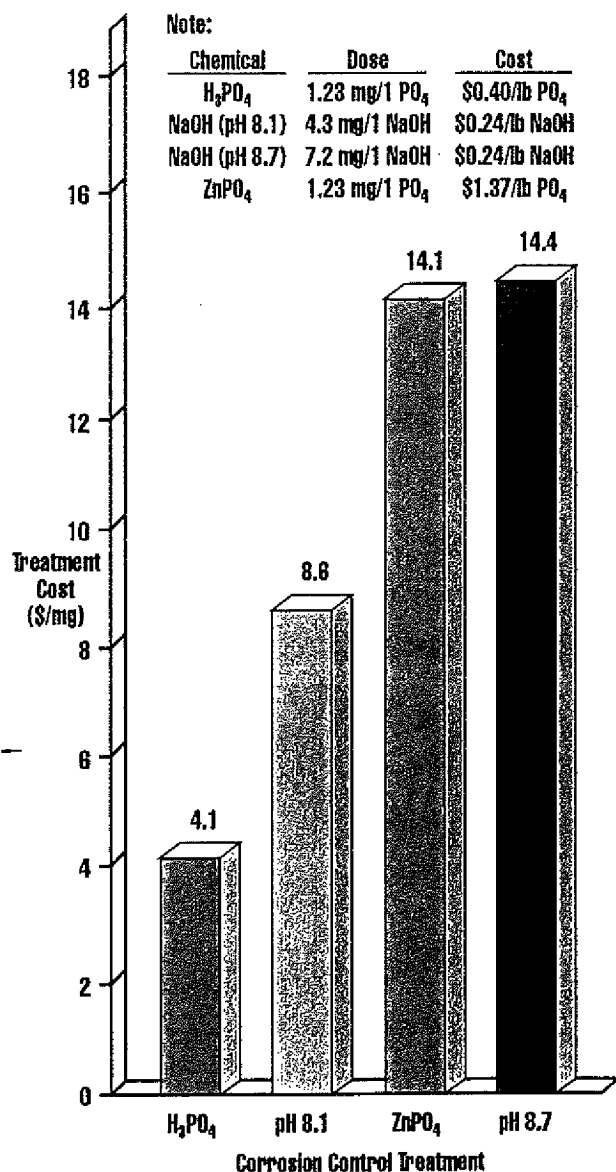


Figure ES-9
Alternatives Ranking
by Criteria

Treatment	Evaluation Criteria				Weighted
	Performance wt.= 2	Feasibility wt.= 1	Reliability wt.= 1	Cost wt.= 1	
Phosphoric Acid	2	1	1	1	7
Zinc Orthophosphate	1	4	2	3	11
pH 8.1	4	2	3	2	15
pH 8.7	3	3	4	4	17

Legend: 1 = Best; 4 = Worst

Phosphoric acid is the recommended form of adding orthophosphate. It is a generic chemical and can be bid competitively. It does not add sodium to the water and costs less than any other form of orthophosphate. In addition, the finished water pH is already in the optimal range for lead solubility reduction by phosphates, so pH adjustment is not required.

The recommended dose of phosphoric acid is 1.2 mg/L as P for initial passivation and a sustained dose of 0.4 mg/L as P for maintaining control of lead uptake. Values may be adjusted based on full-scale results.

Full-Scale Implementation

The LCR requires optimal corrosion control treatment installation by January 1, 1997. To meet this deadline, the implementation schedule in Figure ES-10 is proposed. The first element of implementation is to conduct full-scale demonstration testing in the distribution system served

by one of the WTPs before installing chemical feed facilities in the other four plants. Operation of lead corrosion control facilities at all plants is planned for May 1996. This will provide additional time to optimize the system before lead monitoring is required in 1997.

The chemical equipment required for each WTP is summarized in Table ES-1. A schematic of a typical liquid chemical system is shown in Figure ES-11.

The cost of lead corrosion control chemicals is estimated to be about \$0.87 per year per household.

The estimated capital cost for corrosion control facilities at the five WTPs is \$3,740,000. The estimated cost of chemicals is \$868,000 per year. The cost of lead corrosion control chemicals is estimated to be about \$0.87 per year per household.

A monitoring program will be established before and after corrosion control treatment is implemented to determine performance for lead reduction and effects on other water quality parameters. If lead is reduced to below the EPA AL of 0.015 mg/L for two consecutive 6-month monitoring periods, other methods

of lead reduction, such as removing lead service lines, will not be required.

If the lead AL is still exceeded after optimization and stabilization, a program for lead service line removal should be developed in addition to an ongoing public education program.

Operation of lead corrosion control facilities at all plants is planned for May 1996.

Figure ES-10
Implementation Schedule

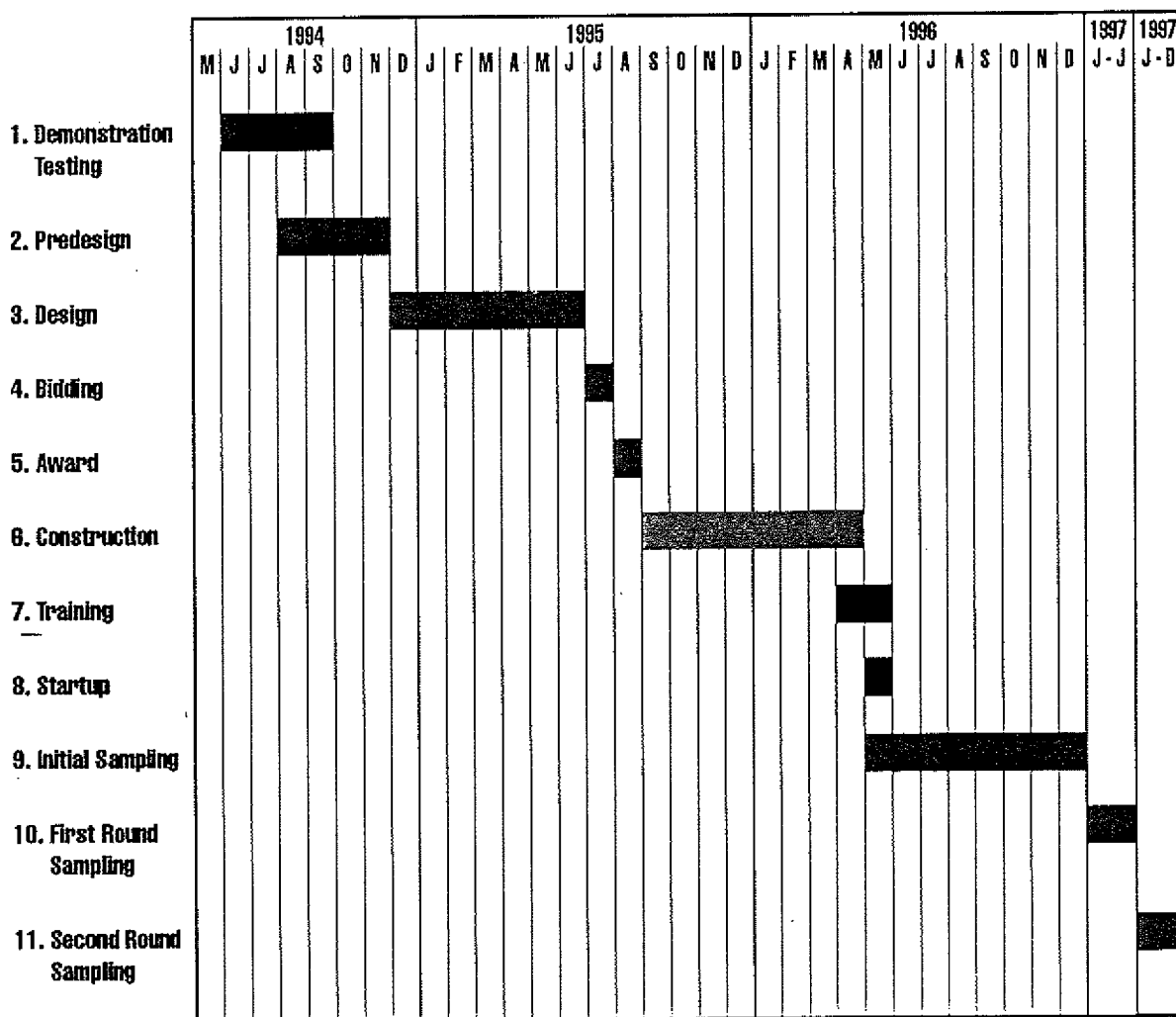
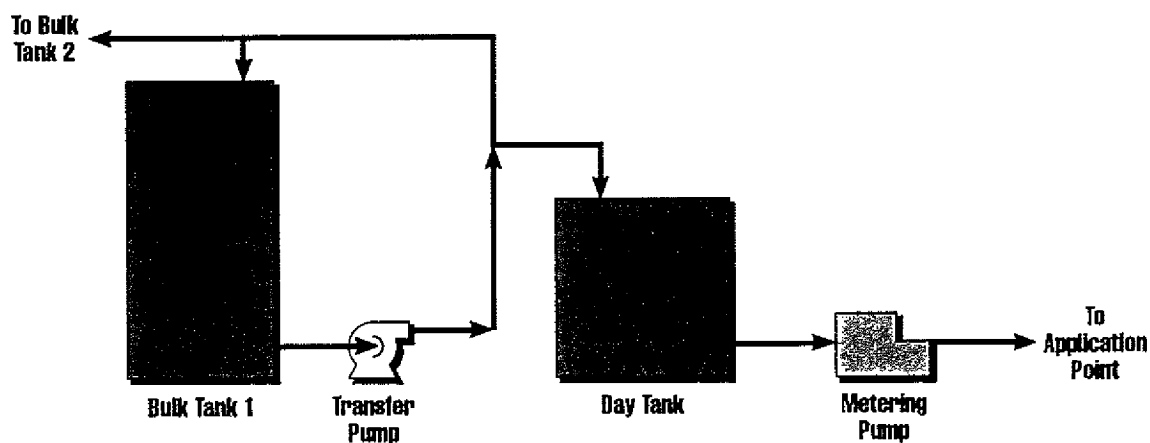


Table ES-1
Chemical Equipment Summary

	Southwest Water Plant	Water Works Park Water Plant	Northeast Water Plant	Springwells Water Plant	Lake Huron Water Plant
Number of bulk tanks	2	2	2	2	2
Bulk tank capacity, each (gal)	4,000	4,000	4,000	6,000	4,000
Number of day tanks	1	1	1	1	1
Day tank capacity (gal)	200	200	200	400	200
Number of feeders	3	3	3	3	3
Feeder capacity, each (gpd)	1 @ 200 2 @ 650	1 @ 300 2 @ 650	1 @ 250 2 @ 800	1 @ 600 2 @ 1,500	1 @ 350 2 @ 850
Number of transfer pumps	2	2	2	2	2
Transfer pump capacity each (gpm)	15	15	15	30	15

Figure ES-11
Liquid Chemical System Schematic



City of Flint Lead and Copper Rule Monitoring History						
Monitoring Period	90th Percentile (parts per billion)	Number of Samples above 15 ppb	Samples Required	Samples Collected	Required Frequency	
Jan. - June 2015	11 ppb	6	60	68		*Unofficial
July - Dec. 2014	6 ppb	2	100	100	6 months	
New Source and Treatment - Flint River and Flint WTP						
June - Sept. 2011	0 ppb	0	23	23	3 years	
June - Sept. 2008	0 ppb	0	33	33	3 years	
June - Sept. 2005	1.4 ppb	0	33	33	3 years	
June - Sept. 2002	4 ppb	1	33	33	3 years	
June - Sept. 2001	4.4 ppb	0	33	33	1 year	
June - Sept. 2000	7 ppb	2	33	33	1 year	
Jan. - June 1999	5 ppb	0	33	33	1 year	
July - Dec. 1998	7.4 ppb	1	33	33	6 months	
July - Dec. 1997	5 ppb	1	33	33	6 months	
Jan. - June 1997	4.5 ppb	1	33	33	6 months	
DWSD Study and OCC Treatment						
July -Dec. 1992	14.4 ppb	3	33	33	6 months	
Jan. - June 1992	15 ppb	4	33	33	6 months	

From: Workman, Wayne (TREASURY)
Sent: Tuesday, August 25, 2015 11:51 PM
To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Saxton, Thomas (Treasury)
Subject: Fwd: PRESS RELEASE: Large Water Main Break
Attachments: 24in Water Main Break 8.25.2015.pdf; ATT00001.htm

Just to make sure you see this before the KWA meeting. Bad news keeps on coming

Sent from my iPhone

Begin forwarded message:

From: Jason Lorenz <jlorenz@cityofflint.com>
Date: August 25, 2015 at 6:48:11 PM PDT
To: undisclosed-recipients;;
Subject: **PRESS RELEASE: Large Water Main Break**

For Immediate Release

City of Flint Utility Crews Work to Contain Large Water Main Break

Flint, Michigan – August 25, 2015 – City of Flint Department of Public Works Utilities personnel are working to contain a break in a 24 inch water main. This work may cause water discoloration for customers in eastern areas of the City. Running the faucet for a few moments should clear up any discoloration. Due to the size and location of the main, repairs could take longer than usual. City crews are assessing the extent of the break to make a final determination on needed repairs.

There have been a number of significant water main breaks within the past month which have strained the City DPW as it continues to implement work associated with the Capital Improvement Plan. Flint's DPW will continue to address problems such as this as they arise while continuing with implementation of its capital improvement goals as best it can. The City will continue to update the community with information relative to major projects and issues as it becomes available. Anyone with questions or concerns about water can call 810-766-7202.

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
(810) 875-2576 (Cell)
jlorenz@cityofflint.com



From: Etue, Kriste (MSP)
Sent: Tuesday, October 06, 2015 10:28 AM
To: Hollins, Harvey (GOV)
Subject: FW: Flint Water Issue Update
Attachments: Flint Filters Press Release 10515.pdf; FLINT WATER MEETING CTOBER 5 2015.pdf

Harvey:

Here is Capt. Chris Kelenske's update from yesterday.

I think the EM part of this is being monitored very well.

Let me know if you hear or need anything.

From: Kelenske, Chris (MSP)
Sent: Monday, October 05, 2015 5:55 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Sands, Thomas (MSP); Smith, Paul (GOV)
Cc: Klotz, Josephine (MSP); Higgins, Lori (MSP); Artibee, Sally (MSP)
Subject: Flint Water Issue Update

District Coordinator, Lt. Roach, attended meetings today at Genesee Co DHHS and Genesee Co Untied Way referencer the continuing problem with Flint's water. The first meeting consisted of DHHS, Genesee County Community Action Resource Department (**GCCARD**), Dept. of Human Services, Genesee CO Health Dept., Commission on Aging, Genesee County EM Jen Boyer, and a few other county depts. The distribution of filters was the main topic of conversation. Lt. Roach learned that so far 20,000 Britta faucet filters were purchased from Home Depot with the million dollars the state provided. The filters are in Flint and will be housed at the GCCARD warehouse awaiting distribution. Genesee Co Public Health Dept is taking the lead on public messaging/press releases.

Overall, it was a fairly productive meeting. Everyone from this meeting headed over to the next meeting at the United Way in Flint. Reps from the United Way ran the meeting which also included reps from the school district, public housing, and one rep, Sean Kammer, Asst to the City Administrator at the City of Flint. Unfortunately, Sean left early and requested he be emailed the information. Once again, a fairly productive meeting with distribution being the main topic of conversation, the use of volunteer groups to help install filters for elderly clients, school distribution, and public education/messaging. Much was worked out for distribution with it starting with priority groups. Attached is a summary of the meeting.

Today, 1800 filters were being distributed to Flint Public Housing including Section 8 housing with the agreement their building maintenance will install the filters for those who cannot. Other priority groups should start in the morning. It was also requested the UPC codes be blacked out so returns could not be made to Home Depot. Zero Water is providing filtered cups for after school activities and athletes. All classrooms will get filtering units with a 24 cup capacity. There are talks of filters for all drinking fountains. For those who cannot attach a regular filter to their faucet, ZeroWater filtered pitchers are going to be supplied. United Way ordered some today and may be in this week. Under sink filters will not be purchased due to cost and potential installment issues. Brita filter pitchers do not meet lead standards so they will not be used.

Jen Boyer has reached out to volunteer groups (CERT, VDF) for help with installments of filters for elderly or special needs people. There are also talks by the City of Flint water dept. of connecting outdoor faucets so people can go fill jugs for free. This may be decided by the end of the week. This water is good since it isn't going through any distribution pipes. Lt. Roach advised there were talks of military water buffalos were brought up for water distribution for possibly the next week while the city works on getting their outdoor faucets figured out. I believe there may be

other alternatives before we do this but I will get the NG as the water buffalos and any water distribution from them would need to be certified and that may take a couple days.

Genesee Co Public Health Dept is taking the PIO lead with help from the PIO from the United Way, Tom Wickersham. Tom is a PIO for GM and volunteers for the United Way. 211 will be used as well as some websites to advise of distribution points and as well as education. Right now 4 points will be used :2 DHHS offices, and 2 GCCARD locations. The Genesee County Community Action Resource Department (**GCCARD**) is an organization of individuals whose overall goal is to eliminate barriers and level the playing field for the poor, seniors, children and the hard to serve population of Flint and Genesee County. These opportunities may include pre-school training through our Head Start department for the young; receiving additional and/or job training in order to find a permanent job; seeking and finding of adequate housing if displaced; receiving of nutritional meals delivered on a daily basis, or receiving home improvement repairs when necessary.

A few areas of concern: lack of participation by the City of Flint government. The representative for Flint left early today with really not contributing anything to the effort while he was there. Ginna Holmes (DHHS) knows the Flint Mayor and is reaching out to him today ref this issue. The other area is people in the group expecting the state, namely Emergency Management, to run the meetings and the event. Lt. Roach explained we will not be running either but will participate and be a resource as much as possible. This is a local EM/public health issue unless it is determined we are taking the lead. Lt. Roach believes the Co Public Health Dept is going to take a lead role with help from others. Ginna Holmes and Jen Boyer will work closely with them along with DHHS. They have another meeting scheduled for Thursday at 10:00am at the United Way in Flint and Lt. Roach will be there and we will stay engage to assist. The United Way has done a tremendous job so far with this incident according to Lt. Roach.

Below are some notes on the attached press release reference the filters:

- Free water filters will be available to current Michigan Department of Health and Human Services clients and Flint residents at four locations beginning Tuesday, October 6, at 9 a.m. through a partnership between the MDHHS and the Genesee County Community Action Resource Department. Free National Sanitation Foundation certified water filters are being provided to Flint residents as part of the administration's comprehensive approach to addressing water concerns in the area.
- Current MDHHS clients are encouraged to visit either the 125 E. Union St. or 4809 Clio Road MDHHS office location to obtain a free, certified home water filter. Residents who are not currently enrolled in MDHHS assistance programs should visit the Genesee County Community Action Resource Department offices located at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.
- MDHHS clients in the city of Flint who are active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients should bring valid identification and a copy of their water bill to their local MDHHS office to receive their filter free of charge. Flint residents who are not active MDHHS clients should bring identification and their water bill to the GCCARD location.
- Free water filters will be available to current Michigan Department of Health and Human Services clients and Flint residents at four locations beginning Tuesday, October 6, at 9 a.m. through a partnership between the MDHHS and the Genesee County Community Action Resource Department. Free National Sanitation Foundation certified water filters are being provided to Flint residents as part of the administration's comprehensive approach to addressing water concerns in the area.
- Current MDHHS clients are encouraged to visit either the 125 E. Union St. or 4809 Clio Road MDHHS office location to obtain a free, certified home water filter. Residents who are not currently enrolled in MDHHS assistance programs should visit the Genesee County Community Action Resource Department offices located at

2727 Lippincott and 601 North Saginaw in Flint. Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

- MDHHS clients in the city of Flint who are active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients should bring valid identification and a copy of their water bill to their local MDHHS office to receive their filter free of charge. Flint residents who are not active MDHHS clients should bring identification and their water bill to the GCCARD location.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

“A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY.”



Water Filter Distribution

Funding Availability

- \$100,000 - CS Mott Foundation
- \$225,000 - private funding and grant requests to UWGC
- \$1,000,000 - from DHHS for filter purchase
- \$250,000 - from Community Foundation (not public yet)

Filters

- 1,500 were distributed through Concerned Pastors - Harvey has list
- 4,000 given to Health Department will be distributing to special populations, started Saturday. There are 1,000 left. Working with Hurley to distribute through Healthy Start programs. IT will be taking spreadsheet to see who has already received this.
- Do not get Brita pitchers - they are not lead compliant
- 2,500 pitchers will be purchased by UWGC today

Public Housing is automatically going to get filters dropped today. Call Frank Woods to ask questions.

- Howard - 96 units
- Aldridge - 93 units
- River Park - 188 units
- Atherton - 192 units
- Scattered Sites - 68 units
- Garland - 40 units
- Forrest Park - 19 units
- Richert Manor - 132 units
- KMS - 159 units
- Centerview - 90 units
- Mince - 110 units

20,000 units through DHHS - housed at GCCARD

- Can be given to all residents
- 1,800 will be sent to Housing commission (section 8) today
- Veterans - there is a community department for veterans, these filters would secure through GCCARD.
- Health Dept needs some for their WIC department and wellness clinic and kidney dialysis centers. DHHS will supply filters to health dept to fill this need.
- Senior Citizens - Meals on Wheels - 653 households, will be distributed through GCCARD filters
- Family Service agency - 800 seniors are helped through this program, GCCARD will reach out and make sure there is not a duplication with Meals on Wheels. This group of residents a special plan will be put together for install through seniors homes.

- Senior Resident Communities - can we give filters to these housing facilities and can their maintenance person install. Health Dept will get those contacts to GCCARD.
- 20,000 vouchers will be distributed through case workers - vouchers will be received at DHHS today.
- DHHS clients will be able to receive their filters from either office as early as tomorrow. GCCARD will be available in those lobbies as well for non clients.
- Home Depot can deliver for FREE water filters to site

5,000 donated to UWGC from Zero Filter for after school and UWGC is purchasing one picture for every classroom at cost from Zero Filter to Flint Community Schools - we are also looking at purchasing one filter for every faucet, those filters are \$250 each. UWGC will order today and they should be delivered by Wednesday.

City of Flint Water Dept - we have asked city to allow residents to come to the City of Flint Water plant and fill jugs of water. City of Flint plans to have a plan put together by week end.

UWGC has requested the state to appoint a full time emergency person to convene these meetings.

October 3, 2015 Distribution

Lead Agency - Genesee County Health Department

Distribution Site - University of Michigan-Flint Recreation Center

Requirements

- Live within zip codes 48501-48507
- Currently pregnant, breastfeeding or formula feeding an infant
- Have a child between the ages of 0-5

One filter will be given per household

Filter name and model being given - Pur Ult Vert Mount Water Filter System

Quantity of filters being given - 4,000

Contact - Tamara Brickey 810.257.2629

2-1-1 will be phone number for residents to call

Site can be setup within 24 hours.

Distributions Points

Information that can be shared to public

Eligibility for filters - open distribution within zip codes

Questions - health specific (ex. can my child take a bath, how do I install filter, filter type or intake type, (filters will be faucet and pitchers only)

Central Website -

From: Hollins, Harvey (GOV)
Sent: Tuesday, January 05, 2016 4:58 PM
To: Karen Weaver
Subject: 2016-01-05 Flint Water Governor's Declaration Final.pdf
Attachments: 2016-01-05 Flint Water Governor's Declaration Final.pdf; ATT00001.txt



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

PROCLAMATION

DECLARATION OF EMERGENCY

WHEREAS, Section 1 of Article V of the Michigan Constitution of 1963 vests the executive power of the state of Michigan in the Governor; and

WHEREAS, under the Emergency Management Act, Act No. 390 of the Public Acts of 1976, as amended, MCL 30.401 to 30.421, the Governor is responsible for coping with dangers to this state or the people of this state presented by a disaster or emergency or threat thereof, and may issue executive orders and proclamations, having the force and effect of law to implement the Act; and

WHEREAS, under Section 3 of the Emergency Management Act, 1976 Public Act 390, MCL 30.403, the Governor shall, by executive order or proclamation, declare a state of emergency if the Governor finds that an emergency has occurred or that the threat of an emergency exists; and

WHEREAS, on April 25, 2014 the City of Flint, Michigan switched from the Detroit water system to the Flint River as a water source, the harmful effects of untreated water struck the city's water infrastructure, causing leaching of lead into the water which caused damage to the water system and potential negative health impacts to the citizens; and

WHEREAS, the area affected includes parts of the City of Flint, within the County of Genesee; and

WHEREAS, the damaged water infrastructure and leaching of lead into the city's water caused damage to public and private water infrastructure, and has either caused or threatened to cause elevated blood lead levels, especially in the population of children and pregnant women, and causing a potential immediate threat to public health and safety and disrupting vital community services; and

WHEREAS, from October 1, 2015 to this date, the County of Genesee and the City of Flint have taken a number of actions to cope with the situation, including but not limited to, switching back to the Detroit water system on October 16th, declaring local states of emergency, activating the emergency response and recovery aspects of their emergency operations plan, marshaling

and distributing required resources on a city-wide level, and issuing emergency public information and bulletins; and

WHEREAS, local resources have been insufficient to address the situation, and additional assistance from voluntary organizations and the state is required to protect public health, safety, and property, and to lessen or avert the threat of more severe and long lasting impacts to the community;

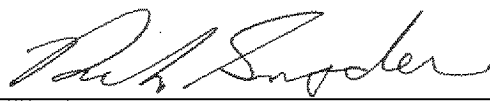
NOW, THEREFORE, I, RICHARD D. SNYDER, Governor of the state of Michigan, pursuant to the Constitution of the state of Michigan and provisions of Act No. 390 of the Public Acts of 1976, as amended, do hereby proclaim that a state of emergency exists in the aforementioned county and municipality; and

FURTHER, the Emergency Management and Homeland Security Division of the Department of State Police shall coordinate and maximize all state efforts, and may call upon all state departments to utilize resources at their avail to assist in the emergency area pursuant to the Michigan Emergency Management Plan; and

FURTHER, termination of this emergency will occur at such time as the threats to public health, safety, and property caused by the emergency no longer exist and appropriate programs have been implemented to recover from the effects of this emergency, but in no case longer than February 1, 2016, unless extended as provided by Act No. 390.

Given under my hand and the
Great Seal of the State of Michigan this
5th day of January in the Year of Our
Lord, Two Thousand and Sixteen.




RICHARD D. SNYDER
GOVERNOR

BY THE GOVERNOR:


SECRETARY OF STATE

FILED WITH SECRETARY OF STATE

ON 1/5/16 AT 4:00pm

Flint Emergency Management Briefing

Before 2011

Flint has been devastated by decades of plant closings and mass layoffs in the auto industry. In 1970, GM employed 82,000 workers in the city. Now, there are less than 8,000. Over the same four decades, the population has gone from 193,000 to just over 100,000.

In 2002, the city of Flint attempted to avoid emergency management, by cutting \$12 million, including closing a north side police precinct and halting ambulance service. However, the review team determined that a fiscal emergency existed in Flint; former Gov. John Engler later declared a financial emergency and the city was placed under state receivership. Governor Engler appointed Ed Kurtz, former president of a private business college, as emergency financial manager to oversee Flint's finances. A city audit five months into Kurtz's tenure revealed a \$26.6 million deficit.

Before Kurtz was appointed, the city had eliminated its ambulance and housing services. The cuts Kurtz initiated included: closing the city's recreation centers, cutting mayor and council pay, raising water bills 11%, and eliminating 54 jobs.

In 2004, Governor Granholm removed the emergency manager, but continued oversight through January 2006.

EM Administrations and governing public acts:

○ Ed Kurtz	2002-2004	PA 72
○ Michael Brown	2011-2012	PA 4 (PA 4 was suspended in 2012)
○ Ed Kurtz	2012-2013	PA 72 – PA 436
○ Michael Brown	2013	PA 436
○ Darnell Early	2013-2014	PA 436
○ Gerald Ambrose	2015	PA 436

Emergency Management after 2011

Achieved Benchmarks:

- Complete elimination of operating deficits through cost reductions and the implementation of financial best practices
- General Fund accumulated deficit reduction from 19.1 million in 2012 to approximately \$7 million currently
- Flint City Lockup reopens for the first time since 2008. It can house up to 110 inmates for up to 72 hours and costs \$2.1 million annually to operate.
- Workforce and employee compensation both have been reduced by 20%
- \$850 million in unfunded OPEB liabilities has been reduced to \$240 million
- A qualified city administrator has been hired.
- Consolidation of the city-funded 68th district court into the county funded 67th district court creating \$800k in annual savings.
- Consolidation of 911 dispatch services into the county system. More than \$1 million in annual savings.
- The City has adopted its first Master Plan since the 1960s.
- The City adopted a new Capital Improvement Plan.

- The City implemented a new methodology for blight.
- The City will request a \$7 million emergency loan to fully eliminate its remaining General Fund Accumulated deficit.

Remaining Challenges:

- OPEB reductions are subject to a federal lawsuit. Loss of this legal action means an additional \$5million annual OPEB expense.
- Future expense reductions are necessary to balance multi-year projections.
- The transition to KWA and maintenance of the aging water distribution infrastructure are important challenges which require significant funding and continued leadership.
- The City must reappraise all of the real property in the City prior to the 2018 Assessment Roll. This will be a costly, but necessary undertaking.

Flint Water Briefing

In November 2012 the Department of Treasury commissioned the firm of Tucker, Young, Jackson & Tull, Inc. (TYJT) to analyze options for the City of Flint to either remain a customer of the Detroit Water & Sewer Department (DWSD) or to join the Karegnondi Water Authority (KWA) in Genesee County. The purpose of this study was to provide objective analyses to the State Treasurer and Flint's Emergency Financial Manager (EFM) in order to secure future potable drinking water for the City.

In December 2012, staff from TYJT met with representatives from the Department of Treasury and the City of Flint to provide a preliminary report on their findings. At this meeting, options presented were: 1) Flint Water Plant will provide 100% water, 2) 100% provision of untreated Lake Huron Water by KWA, 3) 100% provision of treated drinking water by DWSD, or 4) provision of variable amounts of water from DWSD using a combination of blended DWSD water and Flint River water.

The Flint EFM eliminated all options except the 100% DWSD option or joining KWA, deciding later to join KWA.

On April 25, Flint officially ended nearly 50-years of using DWSD to supply water.

The city currently uses the Flint River until the Karegnondi Water Authority pipeline is built, which will bring untreated Lake Huron water to Genesee County. KWA should be operational by winter 2016.

The Flint River water is harder than DWSD. A number of residents are experiencing discoloration and order with the water. In addition there have been a number of citations largely around heighten levels of Total Trihalomethanes (TTHM).

Given water quality concerns, suggestions have been made that the City of Flint should return to using water purchased through the Detroit Water and Sewerage Department (DWSD). For many reasons, financial and otherwise, the City of Flint can ill-afford to switch courses at this point. The estimated cost to go back to the water provided by the DWSD is approximately \$1 million per month and the City expects to be using the Karegnondi Water Authority (KWA) Lake Huron water within or before the 1st quarter of 2016.

The City of Flint is proceeding with a series of actions to ensure the continued safety of Flint drinking water is maintained and that issues of discoloration and odor continue to be addressed. Most notably,

the installation of a Granulated Active Charcoal filter (GAC) at the Water Treatment Plant is expected to be authorized this week by Emergency Manager Jerry Ambrose.

The introduction of the GAC to the treatment process at Flint's plant will absorb or reduce the chemical precursors which will block or eliminate the formation of TTHM during the filtration process. Engineering and design are underway and installation of the GAC is targeted for completion by mid-July. Cost of this improvement is projected at \$1.5 million and will be paid for by the proceeds from the state approved restructuring of the City's Drinking Water Revolving Fund loans.

In addition to the installation of the GAC, the City of Flint is undertaking a number of other improvements to the water system in the coming months, including a water leak detection monitoring, completion of the hydraulic model and subsequent targeted hydrant flushing program, and the replacement of two miles of water main pipe in a critical area of the city. All of these improvements scheduled to occur within the next six months.

Draft statement to respond to reporters:

Flint residents need access to clean, safe water and we are committed to protecting the health and welfare of all Michiganders. The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols. The bottom line is that these protocols were not enough to prevent this problem.

We also continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations to better protect our residents and address potential health issues.

We need to do better, and we will. Gov. Snyder is committed to working with Flint Mayor Weaver and others in the city as we move forward.

Here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions came as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.
- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.
- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion

controls already in place when Flint was on Detroit water should have been maintained after the switch.

- DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.
- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).
- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.
- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.